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PRIOR APPLICATION NUMBER: KR 10-
PRIOR PILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 243
SOFTWARE: KopatentIn 1.71
SEQ ID NO 217
LENGTH: 20
TYPE: DNA
TYPE: DNA
TYPE: DNA
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CURRENT PILLING DATE: US/09/966,312
CURRENT PILLING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR PILLING DATE: 2000-06-26
PRIOR PILLING DATE: 1999-06-25
PRIOR PILLING DATE: 1999-06-25
PRIOR PILLING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR PILLING DATE: 1999-01-29
PRIOR PILLING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: FOT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILLING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR PILLING DATE: 2000-04-26
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CURRENT APPLICATION NUMBER: US/09/980,052
CURRENT FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR FILING DATE: 1999-05-29
PRIOR FILING DATE: 1999-05-29
PRIOR FILING DATE: 1999-05-29
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Best Local Similarity 95.~
17; Conservative
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APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
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APPLICANT: KIM, Cheel Min
APPLICANT: PARK, Hee Kyung
TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019635
PRIOR FILING DATE: 1999-05-29
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OTHER INFORMATION: sequence of
OTHER INFORMATION: diernhoferi
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tent No. 6673548
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85.0%; Pred. No. 3
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NUMBER OF SEQ ID NOS: 64

SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE:
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; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-55
                   Query Match
Best Local Similarity
Matches 17; Conserve
                                                                                                        OTHER INFORMATION: Description of Artificial OTHER INFORMATION: synthetic sequence US-09-975-062A-55
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US-09-975-062A-55
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APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-713-111
                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
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APPLICANT: Taton, Thomas A.
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TYPB: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
 5393 AAAAAAATACAAAAAAGAAA 5412
                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/031,809
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                                      Conservative
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Pred. No. 3.8e+02;
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Pred. No. 3
                                      Mismatches
                                                          .8e+02
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RESULT 281 US-09-976-971A-55 ; Sequence 55, Application US/09976971A ; Patent No. 6682895

GENERAL INFORMATION:

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RESULT 276
US-10-027-983-90
; Sequence 90, Application US/10027983
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PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-491A-55
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; OTHER INFORMATION: synthetic sequence
US-09-961-949A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: 00-713-14
CURRENT APPLICATION NUMBER: US/09/966,491A
CURRENT FILING DATE: 2002-03-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1997-07-21
PRIOR FILING DATE: 1997-07-21
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Best Local Similarity
Matches 17; Conserv
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LENGTH: 20
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Best Local Similarity
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SOFTWARE: Microsoft Word 2000
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PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                   5393 AAAAAAATACAAAAAAGAAA 5412
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Conservative
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Pred. No. 3.8e+02;
0; Mismatches 3;
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Pred. No. 3
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; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence US-09-957-313A-55
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                                                        Query Match
Best Local Similarity
Tatches 17; Conser-
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APPLICANT: Mark P. Roach
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/027,983
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 90
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                            SEQ ID NO 55
LENGTH: 20
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GENERAL INFORMATION:
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CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/3444,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
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PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: 07/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
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APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOBARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
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ORGANISM: Artificial Sequence
FEATURE:
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                                 5393 AAAAAAATACAAAAAAGAAA 5412
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Mucic, Robert C.
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Pred. No. 3
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Pred. No. 3.
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                                                                                                         Length 20,
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; OTHER INFORMATION: Description of Art: ; OTHER INFORMATION: synthetic sequence US-09-976-978A-55
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US-09-198-452A-4302
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                                                                                                                                                                                                                                                                                                                      RESULT 272
US-09-198-452A-5533/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Chlamydia pneumoniae US-09-198-452A-4302
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PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR PILING DATE: 1999-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR PILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR PILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                   Sequence 5533, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fraging to INVENTION: thereof and uses thereof, in particular for the diagnosis, TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION UNMERR: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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SEQ ID NO 4302
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%; Score 15.2; DB 1; Best Local Similarity 85.0%; Pred. No. 3.8e+02; Matches 17; Conservative 0; Mismatches 3
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                      SEQ ID NO 5533
LENGTH: 20
                                                                NUMBER OF SEQ ID NOS: 6849
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TYPE: DNA
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APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: AND USES THEREFOR
FILE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-11
CURRENT APPLICATION NUMBER: US/09/961,949A
CURRENT ELING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR PILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR PILING DATE: 1999-06-25
PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/210,755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: No. 6576752el Sequence
US-09-344-260A-10
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; Sequence 10, Application US/09344260A
; Patent No. 6576752
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GENERAL INFORMATION:
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CURRENT FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
RUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
SEQ ID NO 10
LENGTH: 20
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Best Local Similarity
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APPLICANT: Virta, Pagi
TITLE OF INVENTION: Aminooxy Functionalized Oligomers
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Letsinger, Robert I APPLICANT: Mucic, Robert C. APPLICANT: Storhoff, James J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Manoharan, APPLICANT: Lonnberg,
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
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                      APPLICATION NUMBER: 60/031,809
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1996-07-29
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85.0%; Pred. No. 3.8e+02
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Pred. No. 3.8e+02
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GENERAL INFORMATION:
APPLICANT: ZIMMET, PAUL Z.
APPLICANT: ZIMMET, GREGORY
APPLICANT: COLLIER, GREGORY
ITILE OF INVENTION: A NOVEL GENE AND USES THEREFOR
FILE REFERENCE: 22975-20007.00
CURRENT APPLICATION NUMBER: US/09/331,930A
CURRENT FILING DATE: 1999-06-30
PRIOR APPLICATION NUMBER: PCT/AU98/00902
PRIOR APPLICATION NUMBER: AU PP0117/97
PRIOR APPLICATION NUMBER: AU PP0117/97
PRIOR APPLICATION NUMBER: AU PP0323/97
PRIOR APPLICATION NUMBER: AU PP0323/97
PRIOR PILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: AU PP0323/97
PRIOR PILING DATE: 1997-11-11
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US-09-331-930A-8
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US-09-726-096A-1/c
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                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT FILING DATE: 2000-11-29
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.0
SEQ ID NO 1
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SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 8
LENGTH: 20
Query Match
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APPLICANT: Mancharan, Muthiah
APPLICANT: Maier, Martin A.
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Best Local
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                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Bac
TITLE OF INVENTION: Oligomeric Compounds
FILE REFERENCE: ISI84528
                                                      NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (1)..(20)
OTHER INFORMATION: 2'-methoxyethoxy
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                                                                                                                                                                            LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                           FEATURE:
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Similarity 85.0%;
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Score 15.2;
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Pred. No. 3.8e+02;
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Pred. No. 3.8e+02
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DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 4149-1-1-1
CURRENT APPLICATION NUMBER: US/09/603,830
CURRENT FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/244,667
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,667
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SEQ ID NO 55
LENGTH: 20
                                                                           GENERAL INFORMATION:
APPLICANT: Mirkin, Chad A.
APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: WANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-117
                                                                                                                                                                                                                                                                                 Sequence 55, Application US/09976978A Patent No. 6532097
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APPLICANT:
CURRENT APPLICATION NUMBER: US/09/976,978A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAV.
TITLE OF INVENTION: AND USES THEREFOR
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PRIOR FILING DATE: 2000-04-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 Similarity
17; Conserv
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Storhoff, James J.
Elghanian, Robert
Taton, Thomas A.
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Mucic, Robert C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           85.0%;
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Pred. No. 3
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0; Mismatches 3;
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EARLIER APPLICATION NUMBER: 08/997,362
EARLIER FILLING DATE: 1997-12-23
EARLIER APPLICATION NUMBER: 08/873,970
EARLIER FILLING DATE: 1997-06-12
EARLIER APPLICATION NUMBER: 08/705,347
EARLIER APPLICATION NUMBER: 08/705,347
EARLIER FILLING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 208
SOFTWARE: FREUSEQ for Windows Version 3.0
SEQ ID NO 83
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-056-285A-27
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; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-205-426-83
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Patent No. 64067
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Watson, James D.
APPLICANT: Tan, Paul L. J.
APPLICANT: Tan, Paul L. J.
APPLICANT: Tan, Paul L. J.
TITLE OF INVENTION: Compounds and Methods for Treatment and
TITLE OF INVENTION: Diagnosis of Mycobacterial Infections
FILE REPERSNCE: 11000.1002c4
FILE REPERSNCE: 11000.1002c4
CURRENT FILLING DATE: 1998-12-04
EARLIER APPLICATION NUMBER: 09/095,855
EARLIER APPLICATION NUMBER: 09/095,855
EARLIER FILLING DATE: 1998-06-11
                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
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REFERENCE/DOCKET NUMBER: UIA-010.28
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
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MEDIUM TYPE: Floppy disk

COMPUTER: IEM FC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
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ADDRESSEE: FOLEY, HOAG &
STREET: One Post Office
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85.0%;
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Office Square
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Pred. No. 3.8e+02;
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; OTHER INFORMATION: designed sequence for nucleic acid purification US-09-619-103-26
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                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION UNDER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
CURRENT FILING DATE: 2000-07-19
                                                                        SOFTWARE: F. SEQ ID NO 26
LENGTH: 20
TYPE: DNA
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GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                         Sequence 26, Application US/09619103 Patent No. 6429300
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Best Local Similarity 85.4
Matches 17; Conservative
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Best Local Similarity
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EARLIER FILING DATE: 1998-07-06
EARLIER PFLICATION NUMBER: US 08/688,982
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1997-07-07
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: PCT/US95/071111
                                                                                                                                                              CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
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CURRENT FILLING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILLING DATE: 1998-08-28
                                                                                                                                                 NUMBER OF SEQ ID NOS:
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EARLIER FILING DATE: 1994-05-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
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                                   ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                               FastSEQ for Windows Version 4.0
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Pred. No. 3.
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Pred. No. 3.8e+02
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RESULT 261
US-09-588-950A-5/c
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US-09-462-261-37/c
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                                                                                                                                                 Matches
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Best Local (
                                                                                                                                                                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/756,806

PILLING DATE: No. 6391636ember 26, 1996

APPLICATION NUMBER: PCT/US95/07111

PILLING DATE: May 31, 1995

APPLICATION NUMBER: 08/250,856

FILLING DATE: May 31, 1994

APPLICATION NUMBER: 08/250,856

FILLING DATE: May 31, 1994

APPLICATION NUMBER: 08/88,982

PILLING DATE: JULy 7, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCES/DOCKET NUMBER: 1SPH-0312

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: Pentium
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/462,261
PILING DATE: 01-Mar-2000
                                                                                                                                                                                                                                         SEQUENCE DESCRIPTION: SEQ ID NO: 37:
                                                                                                           5412 AAAATGAAAATAAAGGAATA 5431
                                                                                                                                                                                                                                                            ANTI-SENSE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene ExNUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5393 ААААААТАСААААААСААА 5412
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Brett P. Monia
                                                                                                                                                 17;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     h 0.3%;
Similarity 85.0%;
                                                                        AAAAGGAAAATAAATGAACA 1
                                                                                                                                                                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (609) 779-24
TELEFAX: (609) 810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Jane Massey Licata, Esq. STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                   LENGTH: 20
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Pred. No. 3
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Pred. No. 3.8e+02
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APPLICANT: Takagi, Makoto
APPLICANT: Takenaka, Shigeori
APPLICANT: Yamashita, Kenichi
TITILE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using ar
TITLE OF INVENTION: Electroconductive Chip and Intercalator
FILE REFERENCE: JG-YY-4980/500569.20039
CURRENT APPLICATION NUMBER: US/09/588,950A
CURRENT APPLICATION NUMBER: US/09/588,950A
CURRENT APPLICATION NUMBER: Japan 11-159339
PRIOR FILING DATE: 1999-06-07
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 20
                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF IN
FILE REPERENCE: RTS-0241
CURRENT APPLICATION NUMBER: US/09/851,520
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 80
LENGTH: 20
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US-09-056-285A-27/c
               RESULT 263
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                                                                                                                          Query Match
Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                        TYPE: DNA
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                                                                                                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
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17; Conserv
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                                                                                                                                   Conservative
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85.0%;
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Pred. No. 3.8e+02
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Pred. No. 3.
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Sequence 27, Application US/09056285A
Patent No. 6403307
GENERAL INFORMATION:
APPLICANT: Stone, Edwin M.
Sheffield, Val C.
Alward, Wallace L.M.

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RESULT 256
US-09-173-936B-14/c
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                                                                                                                                                                                RESULT 257
US-09-454-704A-13
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Sequence 13, Application US/09454704A
Patent No. 6274321
GENERAL INFORMATION:
APPLICANT: Blumberg, Bruce
TITLE OF INVENTION: High Throughput Functional Screening
TITLE OF INVENTION: cDNAs
FILS REPERBNCE: P-UC 3662
CURRENT APPLICATION NUMBER: US/09/454,704A
CURRENT FILING DATE: 1999-12-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/09173936B Patent No. 6238865 GENERAL INFORMATION:
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Best Local &
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SEQUENCE CHARACTERISTICS:
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Local Similarity 85.0%;
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OPERATING SYSTEM: Window 95
SOPTWARE: Microsoft Word
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.50 inch Diskette
                                                                                                                                                                                                                                                                                   5393 AAAAAAATACAAAAAAAGAAA 5412
                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/173,936B
FILING DATE: 16-Oct-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE DESCRIPTION: SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Zhen, Huang; Szostak, Jack W. TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5393 ААЛАЛАТАСЛАЛАЛАБАЛА 5412
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 60/063,757 FILING DATE: 17-OCT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 551 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20 bases
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                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                                                                                                           <u>.</u>
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Pred. No. 3.8e+02;
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GENERAL INFORMATION:
APPLICANT: Robert McKay
APPLICANT: Madeline M. Butler
APPLICANT: Madeline Myatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION:
FILE REFERENCE: RTS-0115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                문
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                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-324-542-83
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: RTS-0115
CURRENT APPLICATION NUMBER: US/09/488,856A
CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                     TITLE OF INVENTION: Methods and Compounds for the Treatment TITLE OF INVENTION: Methods and Compounds for the Treatment TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders FILE REFERENCE: 11000,1007c1

CURRENT APPLICATION NUMBER: US/09/324,542

CURRENT FILING DATE: 1999-06-02

EARLIER APPLICATION NUMBER: US 08/997,080

EARLIER FILING DATE: 1997-12-23

NUMBER OF SEQ ID NOS: 194

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 83

LENGTH: 20
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Best Local Similarity 85.0
Matches 17; Conservative
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SOPTWARE: FastSEQ for
SEQ ID NO 13
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             Sequence 83, Appli
Patent No. 6328978
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                           APPLICANT: Watson, James D. APPLICANT: Tan, Paul L.J. APPLICANT: Prestidge, Ross
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
OTHER INFORMATION: Made in a lab
                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5393 AAAAAAATACAAAAAAGAAA 5412
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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Pred. No. 3.8e+02
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Pred. No. 3
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SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:

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; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
US-09-095-855-83
밁
                                                                                                                                                         ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligo
US-09-407-675-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           밁
                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 30448.65USO2
CURRENT APPLICATION NUMBER: US/09/407,675
CURRENT FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: 09/347,443
PRIOR FILING DATE: 1999-07-02
PRIOR APPLICATION NUMBER: 60/091,481
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/111,800
PRIOR APPLICATION NUMBER: 60/111,800
PRIOR FILING DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-407-675-1
                                                                                                                                                                                                SOFTWARE: PatentIn ver. 2.v
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/09407675 Patent No. 6169176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%;
Best Local Similarity 85.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: ATYA, DEV P.
TITLE OF INVENTION: DEOXYNUCLEIC ALKYL THIOUREA COMPOUNDS AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-JUN-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 23-DEC-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bruice, Thomas C. APPLICANT: Arya, Dev P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 37,007
REFERENCE/FOCKET NUMBER: 111
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 206-269-0563
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                   5393 ААААААТАСААААААСААА 5412
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5393 ААААААТАСААААААСААА 5412
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                                                                            Conservative
                                                                                               0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                            <u>.</u>
                                                                                               Score 15.2; DB 1; Pred. No. 3.8e+02;
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Pred. No. 3.8e+02
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                                                                            Mismatches
                                                                                        .8e+02;
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                                                                                                               Length 20;
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                                                                            Gaps
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US-09-250-075-1/c
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US-08-569-147-10
                                                                                                                            SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 20
                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/09250075
Patent No. 6207819
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: CARI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10, Application US/08569147 Patent No. 6180377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/250,075
CURRENT FILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 12
SOPTWARD COMMENT FILING DATE: 1999-02-12
                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of TITLE OF INVENTION: Mixed Backbone Oligomeric Compounds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
PERATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE)
                                                                                  ORGANISM: Artificial Sequence
                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAMB: Trujillo, Doreen Yatko
REGISTRATION NUMBER: 35,719
REGISTRATION NUMBER: CARP-0047
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPQ)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,147
FILING DATE: 25-March-1996
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: CDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Woodcock
ADDRESSEE: No. 6180:
STREET: One Liberty
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1272 CCACCACCACCCATGGGAGC 1291
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17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 base pairs
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llarity 85.0%;
Conservative
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Pred. No. 3.8e+02;
0; Mismatches 3;
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TITLE OF INVENTION:

COMPOUND

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RESULT 251
US-08-765-340-96/c
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US-08-765-340-84/c
                                                                                                                                                                                                                                                                                                                                                                                                                US-08-765-340-84
                                                                                                                                     Patent No. 6150092
GENERAL INFORMATION:
                                                                                                                                                        Sequence 96, Application US/08765340 Patent No. 6150092
                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%;
Best Local Similarity 85.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 84, Application US/08765340 Patent No. 6150092
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (212) 751-6849 INFORMATION FOR SEQ ID NO:
                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION UNMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: MONDO, S.
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
TITLE OF INVENTION: COMPOUND
                                                                                                 APPLICANT: UCHIDA, APPLICANT: UCHIDA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 14,1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: JP 31 FILING DATE: 21-NOV-1994 ATTORNEY/AGENT INFORMATION:
                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
                                                                                                                                                                                                                                                                                                     4398 GAAAGACAAGAAGATGAGA 4417
                                                                                                                                                                                                                                                                   20 GCAAGACAAGAAAATGTGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        345 PARK AVENUE
MATSUDA, Y.,
KONDO, S.
NUTISENSE NUCLEIC ACID
                                                              UCHIDA, K.,
UCHIDA, T.,
TANAKA, Y.,
MATSUDA, Y.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MORGAN & FINNEGAN, L.L.P.
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                                                                                                                                                                                                                                                                                                                                                        Score 15.2; DB 1;
Pred. No. 3.8e+02;
                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 20;
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// MOLECULE TYPE: other nucleic acid
// DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-96

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: SERUNIAN, LESLIE

NAME: SERUNIAN, LESLIE

REGISTRATION NUMBER: 35,353

REFERENCE/DOCKET NUMBER: 1452

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEPHONE: (212) 751-6849
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC SEG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%;
Best Local Similarity 85.0%;
Matches 17; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 83,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/765,340
FILING DATE: 23-DEC-1996
                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Prestide, Ross
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPB: Diskette
COMPUTER: IBM Compati:
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: JP 145
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311
PILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
ADDRESSEET: 2601 Elliott Avenue, Suite 4185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
                                                                                                                                                                                                                                 TITLE OF INVENTION: Compounds and TITLE OF INVENTION: Treatment and NUMBER OF SEQUENCES: 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: 81r
TOPOLOGY: linear
                                                                                                                            STATE: WA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 345 PARK AVENUE CITY: NEW YORK STATE: NEW YORK
                                                                                                                                                CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5393 AAAAAATACAAAAAGAAA 5412
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 AAAAAAAAAAAAAAAAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                         Application US/09095855
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                   IBM Compatible
                                           Diskette
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Pred. No. 3.8e+02
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                                                                                                                                                                                                                                                     Methods for Diagnosis of Mycobacterial Infections
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FILING DAIL:

CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 01931/97
PILING DATE: 18-AUG-1997
ATTORNEY/AGENT INFORMATION:
NAME: Kubovcik, Ronald J.
REGISTRATION NUMBER: 25,401
REGISTRATION NUMBER: PREI-00
REFERENCE/DOCKST NUMBER: PREI-00
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF THE PREI-00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 248
US-08-965-780-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION;
APPLICANT: Pitech, Stefan
APPLICANT: Weises, Patrick A.
APPLICANT: Jenny, Luzi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                   TELEFAX: 202-887-9093
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: Other
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873,970 FILING DATE: June 12, 1997 APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705,347 FILING DATE: August 29, 1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: KUBOVCIK & KUBOVCIK
STREET: 900 17th Street, N.W., Suite 990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEPAX: 206-269-0563
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                          SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11
                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/0. FILING DATE: 07-NOV-1997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY:
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Local Similarity 85.0%;
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nucleic acid
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Pred. No. 3.8e+02;
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                                                        Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT:
APPLICANT:
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligoribonucleotide"
                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/705, FILING DATE: 29-AUG-1996 ATTORNEY/AGENT INFORMATION: NAME: Sleath, Janet REGISTRATION NUMBER: 37,007
                                                                                                                                                                                                                                                                                                                                                                                                         PILING DATE:
PILING BATE:
PILING BATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/705,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/873,970
                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Prestidge, ROSS
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
                                                                                                                                               IENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
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                         5393 AAAAAAATACAAAAAAGAAA 5412
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Hiyama, Jun
Visser, Blizabeth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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Scott, Linda
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                                                                 Conservative
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                                                                               0.3%;
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85.0%; Pred. No. 3.8e+02;
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                                                                                 Score 15.2; DB 1;
Pred. No. 3.8e+02;
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                                                                 Mismatches
                                                                                              DB 1;
                                                                                              Length 20;
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                                                                 Indels
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; STRANDEDNESS:
; TOPOLOGY: line
; MOLECULE TYPE: C
US-08-997-080-83
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                                                                                                                                                                                                                     RESULT 246
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Sequence 83, App.
Sequence 83, App.
                                                                                                                                                                  Sequence 37, Application US/08888982A Patent No. 5981731
                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local S
                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                        GENERAL INFORMATION: APPLICANT: Brett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 atent No. 5968524
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: WATSON, JA
APPLICANT: TAN, PAUL
TITLE OF INVENTION: M
                                                                                                     TITLE OF INVENTION: Antisense OF TITLE OF INVENTION: of raf Gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOPTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
                                                                        CORRESPONDENCE ADDRESS:
                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM CO
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 206-269-0563
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                            STREET:
                                            ADDRESSEE: Jane Massey Licata, Esq
STREET: 66 East Main Street
COUNTRY:
                                                                                                                                                                                                                                                                                             5393 АЛАЛАЛАТАСЛАЛАЛАСЛАЛ 5412
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         Marlton
: NJ
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USA
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                                                                                                                                   Brett P. Monia
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YSTEM: DOS
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                                                                                                                         Antisense Oligonucleotide Modulation
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Pred. No. 3.8e+02;
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                                                                                                        Expression
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
            COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/997,362
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                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                 tent No.
                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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PRIOR APPLICATION DATA:
08/756,806
                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
                                                                                                                                                                                                                                                             APPLICANT: Scott, Linda
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: COMPOUNDS
TITLE OF INVENTION: TREATMENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: May 31, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PILING DATE: NO. 5981731ember 20, APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/07111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETT
COMPUTER: IBM 486
OPERATING SYSTEM: WI
                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                            CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Jane Massey Licata REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: May 31, 1995
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5412 AAAATGAAAATAAAGGAATA 5431
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                                                                                                                                                              WA
                                                                                                                                                                                                                                                                                                                                                                                                                               Application US/08997362
                                                                                                                                                                                                                                                                                                                                              Hiyama, Jun
Visser, Elizabeth
                                                                                                                                                                                                                                                                                                             Skinner, Margot
Scott, Linda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                 Paul
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Pred. No. 3.8e+02;
                                                                                                                                                                                                                                                               AND AND
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                                                                                                                                                                                                                                                               METHODS FOR DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
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New York

New York

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RESULT 243
US-08-379-593-5/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.3%;
Best Local Similarity 85.0%;
           APPLICATION NUMBER: US/08/379,593
FILING DATE: 02-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: DK 0486/93
FILING DATE: 30-APR-1993
CLASSIFICATION: 435
INFORMATION FOR SEQ ID NO: 10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: HAPTEN ASSAY DEVICE AND USE THEREOF NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS: OLIFF & BERRIDGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,697
FILING DATE: 21-SEP-1995
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patenth Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Floppy disk, 1.44M storage
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NAME: Harrington, James J.
REGISTRATION NUMBER: 38,711
REFERENCE/DOCKET NUMBER: 4004.204-US
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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ELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                             STATE:
                                                                                                                                                                                                                                                                                                           STREET: 700 South Washington Street, Suite 300 CITY: Alexandria
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T: Battail, Nicole
T: Piga, Nadia
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                                                                                                                                                                                                                                                                          USA
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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Pred. No. 3.
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TOPOLOGY: US-08-725-976-16
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Query Match
Best Local Similarity
Matches 17; Conserv
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS (VERSION 3.0)
SOFTMARE: WOOTBERFECE (VERSION 6.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/725,976
FILING DATE: OCTOBER 4, 1996
CLASSIFICATION DATA:
ERIOR APPLICATION DATA: including applicate PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/146,504
FILING DATE: NO. 593208ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: MUTPDY, DAVID BRISTATION NUMBER: 31,125
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 222/211
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                          TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEPAX: (213) 955-0440
TELEPAX: 67-3510
INFORMATION FOR SEQ ID NO: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 703-836-2787 INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Heller, Michael J.; and Tu, Eugene
TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: consists of nucleosides with an alpha anomer and carries
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "SYNTHETIC DNA"
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STREET: LOS Angeles
CITY: California
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                                                                                                                    STRANDEDNESS: single
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              Conservative
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85.0%;
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            Score 15.2; DB 1;
Pred. No. 3.8e+02;
0; Mismatches 3
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Pred. No. 3.
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                                                Length 20;
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                Gaps
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US-08-457-273B-31/c
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Best Local Similarity 94.1%;
                                                                                           Query Match
                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/457
FILING DATE
CLASSIFICATION: 800
ATTORNEY JAGENT INFORMATION:
NAME: Bennett, Virginia C.
REGISTRATION NUMBER: 37,092
REFERENCE/DOCKET NUMBER: 3477
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-854-1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 215-568-3429
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                      TELEFAX: 919-854-1401
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                         TOPOLOGY: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Mouse Model for Huntington's Disease TITLE OF INVENTION: Related DNA Sequences NUMBER OF SEQUENCES: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Lin, Biaoyang APPLICANT: Nasir, Jamal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Virginia Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hayden,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
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                                                                                                                                                         LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREEL: CITY: Raleigh Carolina
                                                                            Local
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TYPE: nucleic acid
STRANDEDNESS: single
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                            5395 AAAAATACAAAAAAGAA 5411
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                                                                            Similarity
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                                                                                                                                            DNA (genomic)
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                                                                           0.3%; Score 15.4; DB 1;
94.1%; Pred. No. 3.8e+02;
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Pred. No. 3.
                                                             Mismatches
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                                                                                          Length 22;
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GENERAL INFORMATION:
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Best Local (
                                                                                                                                                                                                              Patent No.
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM COMPALIBLE
OPERATING SYSTEM: IBM P.C. DOS (Version
SOTTWARE: WordDerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/146,504
FILING DATE: No. 5605662ember 1, 1993
                                                                                                                                                                                            GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
PILING DATE:
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS: No. 57957640 No. 5795764disk of No. 5795764th America, Inc.
ADDRESSEE: No. 57957640 No. 5795764disk of No. 5795764th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/218
                                                                        APPLICANT: Kauppinen, Sakari
APPLICANT: Heldt-Hansen, Hans P
APPLICANT: Dalboege, Henrik
TITLE OF INVENTION: AN ENZYME EX
                                                                                                                                   APPLICANT:
                                                                                                                                                     APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
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TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (213) 489-160
TELEPAX: (213) 955-0440
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
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5795764
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611 West Sixth Street
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                                                                          AN ENZYME EXHIBITING MANNANASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IBM P.C. DOS (Version 5.0)
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                                                                                                                                                                            Stephan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            including application described below:
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Pred. No. 3.
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; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-10
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US-09-506-859-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
SEQ ID NO 10
LENGTH: 21
Type: ****
                                                                                                                                                      Sequence 31, Application PC/TUSES:
GENERAL INFORMATION:
APPLICANT: Letarte, Michelle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 10, Application US/09349040A Patent No. 6593466
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Best Local Similarity 94.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Wohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
CURRENT FAPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 200154
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street Suite 3100
                                                                                      APPLICANT: Marchuk, Douglas A.
APPLICANT: McAllister, Kimberly
TITLE OF INVENTION: DIACKOSIS OF AND THERAPY FOR
TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 617/542-5070
                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGIH:
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Boston
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Pred. No. 3.7e+02;
0; Mismatches 1;
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Pred. No. 3.7e+02;
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Best Local Similarity 94...
16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: FLOPPY disk
COMPUTER: BM PC COMPATIBLE
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION UNMBER: PCT/US95/15428
                                                                                    CURRENT AFFILION NUMBER: PCT/US95/10200
FILING DATE: 15-DEC-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/357,398
                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.0
CURRENT APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,129
FILING DATE: 29-NOV-1994
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris
STREET: One Liberty Place 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Weiner, David B. APPLICANT: Wang, Bin APPLICANT: Ugen, Kenneth B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Delivery of Nucleic Acid Molecules to Mucosal TITLE OF INVENTION: Tissue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: 617/542-5070
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA (genomic)
                                                                            APPLICATION NUMBER: US 0 FILING DATE: 16-DEC-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Fraser, Janis K.
REGISTRATION NUMBER: 3.
REFERENCE/DOCKET NUMBER:
                                                          CLASSIFICATION:
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TELEX: 200154
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: USA
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Pred. No. 3.7e+02;
0; Mismatches 1
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CORRESPONDENCE ADDRESS:

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                                                                                   ; OTHER INFORMATION: Oligonucleotide US-09-612-531-6
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Query Match
Best Local Similarity 94.1
Matches 16; Conservative
                                                                                                                                                                       PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 21
TYPET NUMBER: 09/349,040
                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/09612531 Patent No. 6534639
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity 94.1%;
                                                                                                                                                                                                                                                                                     FILE REFERENCE: 1818-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
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TELEPAX: 215-568-3429
INFORMATION FOR SEQ ID NO:
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FILLING DATE: 16-DEC-19
CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
CLASSIFICATION: 514
                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORDPEFFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
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REGISTRATION INVESE: 33,229
REFERENCE/DOCKET NUMBER: UP.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: One Libert
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
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One Liberty Place 46th Floor
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                                0.3%;
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             Score 15.4; DB 1; Length 21; Pred. No. 3.7e+02; 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0,
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Pred. No. 3.
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; OTHER INFORMATION: downstream amplification primer 99-9778 for US-09-422-978-11559
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US-09-422-978-11559/c
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Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Chem, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITIE OF INVENTION: Blallelic markers for use in constructing a high density...
TITIE OF INVENTION: Blallelic markers for use in constructing a high density...
TITIE OF INVENTION: Blallelic markers for use in constructing a high density...
TITIE OF INVENTION: Blallelic markers for use in constructing a high density...
TITIE OF INVENTION: USHER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 11559
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
                                     FILING DATE: 28-SEP-1999 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                          STREET:
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                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                             COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                        CITY: Boston
                     APPLICATION NUMBER:
                                                                                                                                                                                                                              ZIP: 02110-2804
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                                                                                                                                                                                                                                                                   Massachusetts
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                                                                                                                                                                                                                                                                                                                                                                                            Letarte, Michelle
Marchuk, Douglas A.
McAllister, Kimberly
MCAllister, Kimberly
NVENTION: DIAGNOSIS OF AND THERAPY FOR
NVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
                                                                                                                                                                                                                                                                                                              225 Franklin Street
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29-NOV-1994
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                                                                              us/09/506,859
                   08/346,129
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Pred. No. 3
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Patent No. 6087485

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                                                                                                                                                                                                                                                                                                                       Sequence 42, Application US/09321461
Patent No. 6197755
GENERAL INFORMATION:
APPLICANT: Carrano, Richard A
TITLE OF INVENTION: Compositi
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Best Local Similarity
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APPLICANT: AXYS Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
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FILING DATE: 21-UAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009,913
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MEDIUM TYPE: Diskett
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 285 Hami
CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 650-327-3231
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                               ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 720 Kb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4891 ACAAGTTGCCATCTGGTTT 4909
                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
And No. 6197755ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                   CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 48
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                                                                                                                                                                       STATE: PA
APPLICATION NUMBER: US/09/321,461
                                                                                                                                                     COUNTRY: U.S.A.
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285 Hamilton Ave, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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Compositions and Methods for Delivery of Genetic Material
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 15.4; DB 1;
Pred. No. 3.7e+02;
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                                                                                                                                                                                                                                                                                                                                    US-08-853-980-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Carson, John H.
APPLICANT: Kwon, Sunjong
APPLICANT: Aigner, Kevin
APPLICANT: Avossa, Daniella
TITLE OF INVENTION: ENHANCER SEQUENCES
FILE REFERENCE: RCT
FILE REFERENCE: RCT
FILE REFERENCE: RCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-853-980-11/c
                                                          Sequence 34, Application US/08357398A
Patent No. 6348449
GENERAL INFORMATION:
APPLICANT: Weiner, David B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 11, Applicat Patent No. 6225082 GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 21
TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: APOL-0186
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEPAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Unknown Organism:
            APPLICANT: Wang, Bin
APPLICANT: Ugen, Kenneth
TITLE OF INVENTION: Metho
NUMBER OF SEQUENCES:
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nes 16; Conserv
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APPLICATION NUMBER: 08/704,701
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Application US/08853980
                                                                                                                                                                                                                                                                     Conservative
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                 Methods of Inducing Mucosal Immunity
                                                                                                                                                                                                                                                                                  0.3%;
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Pred. No. 3.7e
0; Mismatches
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Pred. No. 3.
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3.7e+02;
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APPLICATION NUMBER:

08/124,962

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US-08-979-385B-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 31, App. 8 8 1 No. 6022687
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.3%; Score 15.4; Best Local Similarity 94.1%; Pred. No. 3. Matches 16; Conservative 0; Mismatche
                               COUNTY: USA

ZIP: 0210-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: Windows 95

SOFTWARE: FastSEQ for Windows Version 2.0b

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/564,496C

FILING DATE: 29-NOV-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/346,129

PILING DATE: 29-NOV-1994

ATTORNEY/AGENT INFORMATION:

NAME: FYSSEY, Ph.D., J.D., Janis K.

REGISTRATION NUMBER: 34,819

REFERENCE/DOCKET NUMBER: 06765/006001

TELECOMPUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 08/093,235
FILING DATE: 15-JUL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/029,336
FILING DATE: 11-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/008,342
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Letarte, Michelle
APPLICANT: Marchuk, Douglas A.
APPLICANT: Marchuk, Douglas A.
APPLICANT: McAllister, Kimberly
TITLE OF INVENTION: DIAGNOSIS OF AND THERAPY FOR
TITLE OF INVENTION: HEREDITARY HAEMORRHAGIC TELANGIECTASIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: UPAP-0253
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 26-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 225 F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: Z15-568-3429
                                                                                                                                                                                                                                                                                                                                                                                                             STATE:
TELEPHONE: 617/542-50 TELEFAX: 617/542-8906
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    225 Franklin Street
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                     617/542-5070
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                                                                                                                            ; MOLECULE TYPE: other nucleic acid US-09-285-957-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2.
Patent No.
                                                               Matches
                                                                            Query Match
Best Local Similarity
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Best Local Similarity
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, '
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/285,957
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                         TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/75
PILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 97
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)913-0001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: VAN DER LAAN, Jan Metske
APPLICANT: RIEMENS, Adriana Marina
APPLICANT: QUAX, Wilhelmus Johannes
TITLE OF INVENTION: Mutated Penicillin G Acylase Genes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: Genomic DNA
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                                                                                                                                                           LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPPLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 300 Sc
CITY: Chicago
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 60606
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                               3967 GGGCСТСТССТСБАСАТСААС 3987
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6033823
GGGVCACTGCTGGGCCTCAAG 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: McDonnell Boehnen Hulbert & Berghoff 300 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
                                                                                                                                                                                                                                                               (312)913-0002
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ilarity 94.1%;
Conservative
                                                               Conservative
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                                                                               81.0%;
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    Mismatches

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Pred. No. 3.7e+02;
                                                                             Score 15.4; DB 1
Pred. No. 3.7e+02
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                                                                                                DB 1;
                                                                                             Length 21;
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RESULT 230 US-09-009-913-56/c ; Sequence 56, Application US/09009913

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RESULT 226
US-08-704-701-42/c
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                                                                                                                                                                                                                                          Sequence 42, Application US/08704701 Patent No. 5962428
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Ver
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/793,229
FILING DATE: 23-APR-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP95/03249
                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Carran
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (312)913-0003
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REPERENCE/DOCKET NUMBER: 97075
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312)913-0001
TELEPAX: (312)913-0002
FORMATION FOR SEQ ID NO: 21:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: VAN DER LAAN, Jan Metske
APPLICANT: RIEMENS, Adriana Marina
APPLICANT: QUAX, Wilhelmus Johannes
TITLE OF INVENTION: Mutated Penicillin G Acylase Genes
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive
                                                                                                                                                           TITLE OF INVENTION: Compositions and Methods for TITLE OF INVENTION: Delivery of Genetic Material
                                                                                                                    NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                               STREET: One LIDELLY CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 21 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                            ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                      3967 СССТСТСТСТСКАСАТСААС 3987
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                      PΑ
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                                                      One Liberty Place -
U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                 Carrano, Richard A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.3%; Score 15.4;
81.0%; Pred. No. 3.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PCT/EP95/03249
                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                4; DB 1; Length 21; 3.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 46, Application US/08979385B Patent No. 5981505
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 215-568-3439 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 mb-MD/JAF
CURRENT APPLICATION DATA:
TOTAL TO
                                                                      APPLICATION NUMBER: PCT/I
FILING DATE: 26-JAN-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/495,684
FILING DATE: 28-SEP-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEB: Woodcock Washburn Kurtz Mackiewicz & No. 5981505ris
STREET: One Liberty Place 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Williams, William V.
APPLICANT: Wang, Bin
TITLE OF INVENTION: Composition
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: 215-568-3100
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APPLICATION NUMBER: 08/221,579
FILING DATE: 01-APR-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WOODERAFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
APPLICATION NUMBER: 08/1 FILING DATE: 21-SEP-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 19103
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REGISTRATION NUMBER: 33,229
REGISTRATION NUMBER: APOL-0186
                                                                                                                                                                                                                                                                                                                                           FILING DATE: 26 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/979,385B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: FILING DATE: 16-SEE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1261 AGCCTACAGCCCCACCA 1277
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pennsylvania
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.3%;
ilarity 94.1%;
Conservative
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16-SEP-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3.5 inch disk, 720 Kb
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                                          08/125,012
                                                                                                                                                    PCT/US94/00899
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Pred. No. 3.7e+02;
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2624
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                                                                                                                                                                                RESULT 223
US-09-033-936-7/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Activity Dependent Neurotrophic Factor III (ADNF III)
FILE REFERENCE: 015280-291200US
CURRENT APPLICATION NUMBER: US/09/187,330
CURRENT FILING DATE: 1998-11-06
EARLIER APPLICATION NUMBER: US 60/037,404
EARLIER FILING DATE: 1997-02-07
EARLIER APPLICATION NUMBER: WO PCT/US98/02485
EARLIER APPLICATION NUMBER: WO PCT/US98/02485
EARLIER APPLICATION NUMBER: WO PCT/US98/02485
EARLIER PILING DATE: 1998-02-06
NUMBER OF SEQ ID NOS: 63
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 9
LENGTH: 20
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TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve TITLE OF INVENTION: and treatment of infection FILE REFERCE: 9710-003-999

CURRENT APPLICATION NUMBER: US/09/198,452A

CURRENT FILING DATE: 1998-11-24

NUMBER OF SEQ ID NOS: 6849

SEQ ID NO 2624

LENGTH: 20
              GENERAL INFORMATION:
APPLICANT: TOMIZUKA, KAZUMA
APPLICANT: YOSHIDA, HITOSH
APPLICANT: HANAOKA, KAZUNOI
APPLICANT: OSHIMURA, MITSU
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 9, Application US/09187330 Patent No. 6613740
                                                                                                                                  Sequence 7, Application US/09033936 Patent No. 6632976
                                                                                                                                                                                                                                                                                                                                                                      Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: The Government of the United States of America APPLICANT: as represented by the Secretary of the APPLICANT: Department of Health and Human Services
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Gozes, Illana
APPLICANT: Bremmeman, Douglas E.
APPLICANT: Bassan, Merav
APPLICANT: Zamostiano, Rachel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: sense primer OTHER INFORMATION: (bases 71-90) for amplification of ADNF III cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                       Match 0.3%;
Local Similarity 94.1%;
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    YOSHIDA, HIIVI
HANAOKA, KAZUNORI
HANAOKA, MITSUO
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Pred. No. 3.
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US-08-221-579A-42/c
; Sequence 42, Application US/08221579A
; Patent No. 5739118
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                                                                            TOPOLOGY:
US-08-221-579A-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD |
FILE REFERENCE: 081356/0114
CURRENT APPLICATION NUMBER: US/09/033,936
CURRENT FILING, DATE: 1998-03-02
PRIOR APPLICATION NUMBER: PCT/JP96/02427
PRIOR PILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Loc
Matches
                      Query Match
Best Local Similarity
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Best Local
                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/221
PILING DATE: 01-APR-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: APOL
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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MEDIUM TYPE: 3.5 inch disk, 720
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Carrano, Richard A.
TITLE OF INVENTION: Compositio
TITLE OF INVENTION: Delivery o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: One Liberty
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz ADDRESSEE: and No. 5739118ris STREET: One Liberty Place - 46th Floor
                                                                                                                STRANDEDNESS:
                                                                                                                                                                                     TELEPHONE: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 19103
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                                                                                                                                                   LENGTH:
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                                                                                                                                 1: 21 base pairs
nucleic acid
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milarity 94.1%;
Conservative (
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nilarity 94.1%;
Conservative
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       Score 15.4; DB 1;
Pred. No. 3.7e+02;
0; Mismatches 1
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Pred. No. 3.
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CORRESPONDENCE ADDRESS: INC.

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Query Match
Best Local Similarity
Thes 16; Conserva
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-168
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US-09-266-596-42
                                                                                                                                                            Sequence 168, Application US/09487445

Patent No. 6258600

GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. COWBERT

TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
FILE REFERENCE: RTS-0107
CURRENT APPLICATION NUMBER: US/09/487,445
CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 168
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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APPLICATION NUMBER: 08/517,488
FILING DATE: 21-AUG-1995
APPLICATION NUMBER: US 08/258,152
FILING DATE: 10-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 415-349-7392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                     TYPE: DNA
                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: CELL 13.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-358-9600 X131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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TOPOLOGY: linear
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REGISTRATION NUMBER: 34,647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/266,596 FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
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FOSTER CITY
                  Conservative
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                                0.3%;
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                 Score 15.4; DB 1;
Pred. No. 3.5e+02;
0; Mismatches 1
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Pred. No. 3.5e+02;
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                                                 DB 1;
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                                                 Length 20;
                  Indels
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RESULT 221
US-09-198-452A-2624
; Sequence 2624, Application US/09198452A
; Patent No. 6559294
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 42, Application US/09944411
Patent No. 6506604
GENERAL INFORMATION:
                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 42:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/914,893
FILING DATE: <UNKNOWN>
APPLICATION NUMBER: US 08/258,152
APPLICATION NUMBER: US 08/076,299
FILING DATE: 11-JUN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                       4821 CACCAGCCCTTGACCCT 4837
                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 415-358-9600 X
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 48 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FARSON, DEBORAH A.
TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: FINER, MITCHELL H. DULL, THOMAS J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3175 CTTTĞĆĆAGAGACTGAG 3191
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STREET: 322 LAKESIDE DRIVE
CITY: FOSTER CITY
STATE: CALIFORNIA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: KRUPEN, KAREN I.
REGISTRATION NUMBER: 34,647
REFERENCE/DOCKET NUMBER: CE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CTTTGCCAGAGCCTGAG 3
                                                                                                                CACCAGCCCATGACCCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/944,411 FILING DATE: 04-Sep-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-349-7392
                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                         0.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION OF MAMMALIAN CELLS
                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                         Score 15.4; DB 1;
Pred. No. 3.5e+02;
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                                                                                                                                                                                                                             DB 1;
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GENERAL INFORMATION:

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PCT-US94-09350-10
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                                                           Query Match
Best Local S
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Best Local Similarity
Matches 16; Conserv
                                               Matches
                                                                                                                                                                                                                                                              TELEFAX: (619) 455-5110 INFORMATION FOR SEQ ID NO: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (619) 455-5100
                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P38,347
REFERENCE/DOCKET NUMBER: FD-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1000
CITY: LOS Angeles
CTATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley
                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
                                                                                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (619) 455-5100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US94/09350 FILING DATE: 19-AUG-1994 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                         NAME/KEY:
                                                                                                                                                                                                 STRANDEDNESS:
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                                                                                                                                                                                      TOPOLOGY:
4066 TTCCAAATGGCCCACTT 4082
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                                              16; Conserv
                                                                                                                                                                                                            nucleic acid
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1880 Century Park East - Suite 500
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                                               Conservative
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                                                                                                                                                                                                   single
                                                           0.3%;
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Pred. No. 3.3e+02
                                                              Score 15.4;
Pred. No. 3.
                                               Mismatches
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                                                            3.3e+02;
                                                                           DB 1; Length 19;
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US-09-266-596-42/c
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                                                                                                                                                                   Patent No.
                                                                                                                                                                                  Sequence 42,
                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 07/341
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 0986
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: D
IMMEDIATE SOURCE:
CLONE: mfd1p2
                 TITLE OF INVENTION:
                                                 TITLE OF INVENTION:
                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dg-dt)n sequences and methods of using same
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ENGTH:
                                                                                                                                                                                                                                                                                                      4764 ACTCTGGGAGAAGGGCA 4780
                                                                                                                                                   INFORMATION:
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                                                                                                                                                                 2, Application US/09266596 6218187
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  B: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
              VENTION: DEBORAH A.

VENTION: METHOD FOR PRODUCTION OF HIGH TITER
VENTION: VIRUS AND HIGH EFFICIENCY RETROVIRAL MEDIATED TRANSDUCTION
VENTION: OF MAMMALIAN CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                 DULL, THOMAS J.
                                                                                  COOKE,
                                                                                                ZSEBO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                        DNA (genomic)
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                                                                                KBEGAN
                                                                                                   KRISZTINA M.
                                                                                                                                                                                                                                                                                                                                                     0.3%;
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Pred. No. 3.5e+02
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                                                                                                                                                                                                                                                                                                                                                                       DB 1;
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US-08-110-161A-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 10, Application US/08110161A
Patent No. 6498147
GENERAL INFORMATION:
APPLICANT: Nerenberg, Michael I.
APPLICANT: Kitajima, Isao
                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION UNMERS: US/08/110,161A
FILING DATE: 20-AUG-1993
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: P-2981
TELEPHONE: (619) 455-5100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%;
Best Local Similarity 94.1%;
                                                                                        TELEFAX: (619) 455-5110 INFORMATION FOR SEQ ID NO: 1 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (619) 455-5110 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
AMME: Tumarkin Ph.D., Lisa A.
REGISTRATION UNMER: P-38,347
REFERENCE/DOCKET NUMBER: PD-298
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STREET: LOS Angeles
CITY: California
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,161A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Spensley
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic)
TOPOLOGY: 1i
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
LOCATION:
                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                  TYPE: nucleic acid
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
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                                                                         19 base pairs
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1880 Century Park East - Suite 500
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                   linear
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 DNA (genomic)
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Pred. No. 3.3e+02;
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; ORGANISM: Homo sapiens
; PEATURE:
; OTHER INFORMATION: PCNA HH ribozyme binding site
US-09-696-791-3888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 214
US-09-696-791-3888/c
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                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9, Application:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PILE REPERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3888, App
Patent No. 6770633
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Best Local Similarity
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Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Robbins, Joan I
APPLICANT: Tritz, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PALENT: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                                                      APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-kB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 14
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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LOCATION:
                                                                                                                                                                                                                                                                                  STREET:
                                                   PILING DATE: 1:
CLASSIFICATION:
                                                                                                                                                                                                                   COUNTRY: U
                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                   CITY: Los Angeles
                                                                                                                                                                                                                                                                                                      ADDRESSEE:
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1880 Century Park East - Suite 500
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                                                                       19-AUG-1994
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Pred. No. 3.3e+02;
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Pred. No. 3.3e+02;
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RESULT 210
US-08-052-997-17
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RESULT 211
US-08-684-672-17
; Sequence 17, Application US/08684672
; Patent No. 5700926
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Best Local Similarity 94.1%;
Matches 16; Conservative
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                                                                                                                                                                                                                      Query Match
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Patent No. 5556786
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/052,997
FILING DATE: 27-APR-1993
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: DN
HYPOTHETICAL: NO
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: O'Shaughnessy, Brian P.
REGISTRATION NUMBER: 32,747
REFERENCE/DOCKET NUMBER: 9594/81-2189
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 289-1200
TELEFAX: (202) 289-6674
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: ANHIDROTIC ECTODERMAL DYSPLASIA GENE TITLE OF INVENTION: AND METHOD OF DETECTING SAME NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: POPHAM HAIK SCHNOBRICH & KAUFMAN, LTD STREET: 1225 Eye Street N.W., Suite 1000 CITY: Washington, D.C. COUNTRY: U.S.A.
                                                                                                                                                                                                      Local
                                                                                                                                                                                                                                                                                                                                                                                TYPE: ....STRANDEDNESS: B1115
                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                339 TTTCCTACCACTCCCCC 355
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                                                                                                              TTTCCTACCACTCCACC 18
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de la Chapelle, Albu
                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                       DNA (genomic)
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; Pred. No. 3.2e
0; Mismatches
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RESULT 212
US-08-110-161A-9/c
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEPAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                          Sequence 9, Application US/08110161A
PATENT NO. 6498147
GENERAL INFORMATION:
APPLICANT: Merenberg, Michael I.
APPLICANT: Kitajima, Isao
TITLE OF INVENTION: SUPPRESSION O
TITLE OF INVENTION: DEPENDENT PRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 16; Conserv
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APPLICANT: KERE, Juha

APPLICANT: SCHLESSINGER, David

APPLICANT: de la CHAPELLE, Albert

APPLICANT: de la CHAPELLE, Albert

APPLICANT: SRIVASTAVA, Anand Kumar

TITLE OF INVENTION: MOLECULAR CLONING OF THE ANHIDROTIC

TITLE OF INVENTION: ECODERMAL DYSPLASIA GENE

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,997
FILING DATE: 27-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: O'Shaughnessy, Brian P.
REGISTRATION NUMBER: 32,747
REGISTRATION NUMBER: 32,747
ZIF: YOUR COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,672
                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: 811
                                                                                                                                      STREET: 1880 Centy
CITY: Los Angeles
STATE: California
                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: United States ZIP: 22313-1404
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1880 Century Park East - Suite 500
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P.O. Box 1404
                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.3%; Score 15:4; DB 1; llarity 94.1%; Pred. No. 3.3e+02; Conservative 0; Mismatches 1
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                                                                                                                                                                                                                                                                            SUPPRESSION OF NUCLEAR FACTOR-kB DEPENDENT PROCESSES USING OLIGON
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 19;
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; SEQ ID NO 5
; LENGTH: 18
; TYPB: DNA
; ORGANISM: HIV
US-09-158-695-5
                                                                                                                                                                                                                                                  Sequence 5, Application US/10092022
Patent No. 6531588
GENERAL INFORMATION:
APPLICANT: Johnston-Dow, Leslie
APPLICANT: Demeter, Lisa
APPLICANT: Mhite, Camille B.
APPLICANT: Song, Keming
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US-10-092-022-5
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                                                           SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                 APPLICANT: Conrad, Morgan
APPLICANT: Myers, Angela
TITLE OF INVENTION: NO. 6531588el Methods for HIV Sequencing and Genotyping
FILE REFERENCE: 07414.0005-01000
CURRENT APPLICATION NUMBER: US/10/092,022
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/158,695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Conrad, Morgan APPLICANT: Myers, Angela TITLE OF INVENTION: No. 6
                                                                          PRIOR FILING DATE: 1998-09-21
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.0
             LENGTH: 18
TYPE: DNA
ORGANISM: HIV
                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/158,695
CURRENT FILING DATE: 1998-09-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                            1261 AGCCTACAGCCCCACCA 1277
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5. 6379957
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                                                                                                                                                                                                                                     Kohlenberger, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Demeter, Lisa
White, Camille B.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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Pred. No. 3.2e+02;
0; Mismatches 1
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Pred. No. 3.2e+02;
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                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for
FILE REFERENCE: GENSET.020CP1
                                                                                                                         NUMBER OF SEQ ID NOS:
SEQ ID NO 11501
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GENERAL INFORMATION:
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Best Local Similarity
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SEQ ID NO 7215
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Best Local Similarity
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ORCANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer bind
LOCATION: 1..18
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APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLB OP INVENTION: Blallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-01-23
EARLIER FILING DATE: 1998-01-23
EARLIER FILING DATE: 1998-01-23
EARLIER FILING DATE: 1998-01-21
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
                                                              ORGANISM: Homo Sapiens
                                                                                 TYPE: DNA
                                                                                                      LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: upstream amplification primer 99-2956 for SEQ 3281,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 18
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Pred. No. 3
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Pred. No. 3.2e+02;
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; OTHER INFORMATION: synthesized
US-09-437-076-6
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                                                                                                                                                                                                                                                                                                                   US-09-496-694B-38
                                                                                                                                                                                                                                                                                                                                      RESULT 203
                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: C. Frank I
APPLICANT: Elizabetl
APPLICANT: Eric E. 8
APPLICANT: Lex M. Co
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APPLICANT: Nelson, M. Bud
APPLICANT: Castro, Stephanie
APPLICANT: Castro, Stephanie
TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to i
CURRENT APPLICATION NUMBER: US/09/437,076
CURRENT FILING DATE: 1999-11-09
EARLIER APPLICATION NUMBER:
EARLIER APPLICATION NUMBER:
EARLIER APPLICATION NUMBER:
SOPTWARE: Word for Windows
SOPTWARE: Word for Windows
SOPTWARE: Word for Windows
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Patent No. 6261779
GENERAL INFORMATION:
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SOFTWARE: Word for Windows
SEQ ID NO 5
LENGTH: 18
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                                                                                                                                                                                                                                                                        Sequence 38, Application US/09496694B Patent No. 6335194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%;
Best Local Similarity 94.1%;
            CURRENT APPLICATION NUMBER: US/09/496,694B CURRENT FILING DATE: 2000-02-02 PRIOR APPLICATION NUMBER: 09/286,407 PRIOR FILING DATE: 1999-04-05 PRIOR APPLICATION NUMBER: 09/163,162 PRIOR PILING DATE: 1998-09-29 PRIOR FILING DATE: 1998-09-29
                                                                                                                                     FILE REFERENCE: ISPH-0439
                                                                                                                                                     APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN
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LOCATION:
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ORGANISM: Artificial sequence
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OF SEQ ID NOS: 249
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                                                                                                                                                                                             Elizabeth J. Ackermann
Eric B. Swayze
                                                                                                                                                                                                                                      Frank Bennett
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Pred. No. 3
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US-09-496-694B-129
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                NUMBER OF SEC
SEQ ID NO 129
LENGTH: 18
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SEQ ID NO 78
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GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
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                                                                  APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Akermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
FRIOR APPLICATION NUMBER: 09/286,407
PRIOR PILING DATE: 1999-04-05
PRIOR PILING DATE: 1999-09-29
PRIOR FILING DATE: 1998-09-29
PRIOR FILING DATE: 1998-09-29
PRIOR FILING DATE: 1998-09-29
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APPLICANT: Lex M
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CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
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PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
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TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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TYPB: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1184 AAAGAGAGAGAGAAA 1200
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                                                      SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                             AAAGAGAGAGAGAGA 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09496694B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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94.1%; Pred. No. 3.
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Pred. No. 3.2e+02;
0; Mismatches 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
3.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 18;
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US-08-408-011-51/c

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REFERENCE JOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION: TELEPHONE: (612) 334-8991
TELEPAX: (612) 334-8994
INFORMATION FOR SEQ ID NO: 51:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -08-4vc .
Sequence 51, Appr.
No. 592864
                                                                                           Query Match
Best Local Similarity
                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: 1BM Compatible Compaq Prolinea
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/408,011
FILING DATTS: 18-OCT-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
OT/073 465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Primi, Daniele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5928642ember 9, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment of
TITLE OF INVENTION: AIDS Onset
                                                                                                                                                                                                                                                                                                                                                                  ORIGINAL SOURCE: Synthesized using ORIGINAL SOURCE: oligonucleotide synthesis machine PUBLICATION INFORMATION: AUTHORS: Imberti, Luisa, Sottini,
                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonuclectide useful in amplification of T Cell Receptor
MOLECULE TYPE: Va region)
HYPOTHETICAL: No
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 5'CORRESPONDENCE ADDRESS:
                                                                                                                                                                             ISSUE: 5033
PAGES: 860-862
PUBLICATION DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Thomas E. Popovich, Thomas
ADDRESSEE: Popovich & Associates
STREET: 80 South 8th Street
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: Minnesota
                                                                                                                                                                                                                                                 VOLUME:
                                                                                                                                                                                                                                                                  JOURNAL:
                                                                                                                                                                                                                                                                                     TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                      4298 TTCGGAAGGAACTGGAG 4314
18 TTCAGAAGGAACTGGAG 2
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                                                                               Conservative
                                                                                                                                                                                                                                                                    Science
                                                                                                                                                                                                                                                                                                                                                   Alessandra; Bettinardi,
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                                                                                                                                                                                                                                                                                                                                Daniele
                                                                                                0.3%;
                                                                                                                                                                                   No. 5928642ember 8, 1991
                                                                               0
                                                                                                  Score 15.4; DB 1;
Pred. No. 3.2e+02;
                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                 Alessandra; Puoti, Massimo; Primi,
                                                                                                                     DB 1;
                                                                                                                   Length 18
                                                                               Indels
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RESULT 199 US-09-163-162-29

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                                                                                                                                                                                                                     US-09-437-076-5
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                                                                                                                                                         Sequence 5, Application US/09437076
Patent No. 6261779
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: ISPH-0349
CURRENT APPLICATION NUMBER: US/09/286,407A
CURRENT FILING DATE: 1999-04-05
NUMBER OF SEQ ID NOS: 48
SEQ ID NO 29
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Ackermann, Blizabeth J.
APPLICANT: Swayze, Eric E.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
FILE REFERENCE: RTS-0008
CURRENT FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 29
SEQ ID NO 29
SEQ ID NO 29
                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 29, Application US/09286407A Patent No. 6165788
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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Patent No. 6077709
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
APPLICANT: Barber-Guillem, Emilio
APPLICANT: Nelson, M. Bud
APPLICANT: Castro, Stephanie
TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to
CURRENT APPLICATION NUMBER: US/09/437,076
CURRENT FILING DATE: 1999-11-09
EARLIER APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JENERAL INPORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Swayze, Eric B.
APPLICANT: Cowsert, Lex M.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
les 16; Conserv
                                                                                                                                                                                                                                                                                                                                        1184 AAAGAGAGAGAGAAA 1200
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Pred. No. 3.2e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                 Score 15.4; DB 1;
Pred. No. 3.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                     Length 18;
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                                                                                                                                                                                                                                                                                                                                                                                 Indels
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RESULT 196
US-08-320-306-51/c
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                                                                                 Query Match
Best Local Similarity
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Patent No. 5891623
                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (612) 334-89
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BNERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOPTWARE: Microsoft Word for Winds
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/320,306
FILING DATE: 06-OCT-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Diagnosis a TITLE OF INVENTION: AIDS Onset NUMBER OF SEQUENCES: 57
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
MOLECULE TYPE: Va region)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: No. 5891623ember 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. Popovich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                              ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                             PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible Compaq Prolinea COMPUTER: 4/66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET:
                                                                                                                                                            PUBLICATION DATE:
                                                                                                                                                                                                                                  JOURNAL:
                                                                                                                                                                                                                                                     TITLE: of T Cells That
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ENGTH:
                                   4298 TTCGGAAGGAACTGGAG 4314
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                                                                                                                                                                                                    5033
                                                                                                                                                                                                                                                 Selective Depletion in HIV Infection of T Cells That Bear Specific T Cell Receptor Vb Sequences
                                                                                                                                                                                 860-862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Thomas E. Popovich, Thomas
E: Popovich & Associates
80 South 8th Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             18 bases
                                                                                                                                                                                                                                                                                                    Imberti, Luisa; Sottini,
Alessandra; Bettinardi, Alessandra; Puoti, Massimo;
                                                                       Conservative
                                                                                                                                                                                                                                    Science
                                                                                                                                                                                                                                                                                          Daniele
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    612) 334-8991
                                                                                                                                                                                                                                                                                                                                                            Synthesized using oligonucleotide synthesis machine
                                                                                    0.3%;
                                                                                                                                                            No. 5891623ember 8, 1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Diagnosis and Treatment
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  51:
                                                                     0
                                                                                      Score 15.4; DB 1;
Pred. No. 3.2e+02;
                                                                       Mismatches
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                                                                                                                                     US-08-488-209B-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 51, Application Patent No. 5925513
GENERAL INFORMATION:
                                                                  Matches
                                                                                    Best
                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
APPLICATION NUMBER: 07/973,485
PILING DATE: No. 5925513ember 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas B. POPOVLOB
REGISTRATION NUMBER: 3009
REFERENCE/DOCKET NUMBER: 3678
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OPERATING SYSTEM: MS-DOS Version 5
SOPTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                              PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                            ORIGINAL SOURCE: Synthesized using ORIGINAL SOURCE: oligonucleotide synthesis machine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL:
                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Nucleic Acid
STRANDEDNESS: Singl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PILING DATE: 07-JUN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET:
                                                                                                                                                                                                                                        TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                     PUBLICATION DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                              AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ENGTH:
                              4298 TTCGGAAGGAACTGGAG 4314
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o. 5925513
18
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                                                                                    Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Minnesota
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     18 bases
                                                                                                                                                                                                                                                                                        Imberti, Luisa; Sottini,
Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
                                                                  Conservative
                                                                                                                                                                                                                                                                          Daniele
                                                                                                                                                                                                                         Science
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Thomas B. Popovich, T
Popovich & Associates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BM Compatible Compag Prolinea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (612) 334-8991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                 Other nucleic acid (oligonucleotide useful in amplification of T Cell Receptor
                                                                                                                                                                                                                                                                                                                                                                                                Va region)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Single
                                                                                0.3%;
                                                                                                                                                     No. 5925513ember 8, 1991
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                                                                0;
                                                                                  Score 15.4;
Pred. No. 3.
                                                                    Mismatches
                                                                                    .2e+02
                                                                                                    DB 1;
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                                                                                                 Length 18;
                                                                    Indels
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US-09-371-772B-6931
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COMPUTER: IBM PC COMPATIBLE

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/849.07

FILING DATE:

CLASSTET-:
                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOPTWARE: Patentin version 3.0
SEQ ID NO 6931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6931, Application US/09371772B Patent No. 6566127
                                                                                  Matches
                                                                                                                         Query Match
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT APPLICATION DATE: 1999-08-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 08/346,456
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
                                                                                                                                                                                LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    KEGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
TELEPHONE: 302-892-8112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Match 0.3%; Local Similarity 94.1%;
                                                                                                   Match 0.3%;
Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: FLOYD, LINDA PREGISTRATION NUMBER:
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                                        199 CCACACCCCATCTCCCG 215
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                                                                                  15; Conservative
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CCACACCCCAACUCCCG 17
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                                                                                1;
                                                                                                 Score 15.4; DB 1; Length 17; Pred. No. 3e+02;
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Pred. No. 3e+02;
                                                                                Mismatches
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                                                                                Indels
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US-08-488-212A-51
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GENERAL INFORMATION:
                                                                                Matches
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                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible Compaq Prolines
COMPUTER: 4/66
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION UNDER: US/08/488,212A
FILING DATE: 07-Jun-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
APPLICATION NUMBER: 07/973,485
APPLICATION NUMBER: 07/973,485
APPLICATION NUMBER: 30093
ATTORNEY/AGENT INFORMATION:
NAME: Thomas E. POPOVICH
NAME: Thomas B. POPOVICH
REGISTRATION NUMBER: 30093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (612) 334-8994 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                      ORIGINAL SOURCE: Synthesized using ORIGINAL SOURCE: oligonucleotide synthesis machine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: Other nucleic acid
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor
MOLECULE TYPE: Va region)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 36
TELECOMMUNICATION INFORMATION:
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MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Diagnosis and Treatment of TITLE OF INVENTION: AIDS Onset
                                                                                                                                                                                                                                                                                                                                                                                                PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 HYPOTHETICAL:
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                                                                                                                                                                                                                                                  JOURNAL:
                                                                                                                                                                                                                                                                                                                              AUTHORS: Imberti, Luisa; Sottini,
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
AUTHORS: Daniele
                                                                                                    Local Similarity
                                                                                                                                                                                     ISSUE: 5033
PAGES: 860-862
PUBLICATION DATE:
                                                                                                                                                                                                                                                                                           TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 80 South | CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Nucleic Acid
STRANDEDNESS: Single
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                                       4298 TTCGGAAGGAACTGGAG 4314
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TTCAGAAGGAACTGGAG 2
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                                                                                                                                                                                                                                                                        Science
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                                                                                Conservative
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                                                                                                  0.3%;
                                                                                                                                                                                       No.
                                                                                                                                                                                       5665355ember 8,
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                                                                              0;
                                                                                                    Score 15.4; DB 1;
Pred. No. 3.2e+02;
                                                                                  Mismatches
                                                                                                                            DB 1;
                                                                                                                        Length 18;
                                                                                Indels
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RESULT 192
US-08-849-021-5/c
                                                                                                                                                                                            ; TOPOLOGY: linear ; MOLECULE TYPE: DNA (genomic) US-08-849-021-4
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GENERAL INFORMATION:
                                                                                                                                Matches
                                                                                                                                           Query Match 0.3%;
Best Local Similarity 94.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNSY/AGENT INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
                                                                                                                                                                                                                                                                                  TELEPAX: 302-992-7949
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: PLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            / Match 0.3%; Score 15.4; I
Local Similarity 94.1%; Pred. No. 3e+
nes 16; Conservative 0; Mismatches
                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1007 MAR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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ADDRESSEE: COMPANY
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                                                                                              1181 GAGAAAGAGAGAGAGAG 1197
                                                                                                                              16;
                                                                 1 GAGAGAGAGAGAGAG 17
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                                                                                                                              Conservative
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                                                                                                                                           Score 15.4; DB 1; Length 17; Pred. No. 3e+02;
                                                                                                                              Mismatches
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RESULT 193
US-08-849-021-6/c
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US-08-849-021-5
                                                                                                                                                                                                                                                                                Sequence 6, Application US/08849021
Patent No. 5955276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/08849021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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CRISTON APPLICATION DATA:
APPLICATION NUMBER: 08/346,456

PILING DATE: 28 NOVEMBER 1994

ATTORNEY/AGENT INFORMATION:
NAME: PLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: 88-1064-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: WORGANTE, MICHELE
APPLICANT: VOCEL, JULIE M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: WORGANTE, MICHEL
APPLICANT: VOCEL, JULIE M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
STREET: 100, ...
CITY: WILMINGTON
CHATE: DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU
ADDRESSEE: COMPANY
                                                                                                          NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                TITLE OF INVENTION: COMPOUND MICROSATELLITE TITLE OF INVENTION: PRIMERS FOR THE TITLE OF INVENTION: DETECTION OF GENETIC TITLE OF INVENTION: POLYMORPHISMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1007 MARI
                                                                    ADDRESSEE: E. I. DI
ADDRESSEE: COMPANY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                      1180 AGAGAAAGAGAGAGAGA 1196
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                                                    1007 MARKET STREET
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              94.1%;
                                                                                          DU PONT DE NEMOURS AND
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DETECTION OF GENETIC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 15.4; DB 1; Length 17; Pred. No. 3e+02;
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CLASSIFICATION:

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PCT-US92-06840-10/c
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; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-09-576-290-79
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 10, Application PC/TUS9206840 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PILING DATE: 15-MAR-1996
PRIOR APPLICATION UNMBER: JP 8/211805
PILING DATE: 12-AUG-1996
PRIOR APPLICATION UNMBER: JP 8/246573
APPLICATION NUMBER: JP 8/246573
APPLICATION INFORMATION:
NUMBER: 18-SEP-1996
ATTORNEY/AGENT INFORMATION:
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/0684
FILING DATE: 19920814
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Shi, Yang
APPLICANT: Seto, Edward
APPLICANT: Shenk, Thomas
                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: YY1 TRANSCRIPT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS
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APPLICATION NUMBER:
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SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                            STREET: 1180 AV
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Local Similarity 81.8%;
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CLASSIFICATION:
                                                                                                                                                                ZIP: 10036-8403
                                                                                                                                                                                                    STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Conlin, David G. REGISTRATION NUMBER: 27, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3260 ACCTGGCCTCTGTGCTTAGTGC 3281
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ACGTGGCTTCTGTGCTTGCTGC 22
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1180 Avenue of the Americas - 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               617-523-6440
                                                                                                                                                                                     USA
                                                                  Patentin Release #1.0, Version #1.25
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                                   PCT/US92/06840
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 15.6; DB 1;
Pred. No. 3.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      47176
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Patent No. 595527
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: MORGANTE, MICHELE APPLICANT: VOCSEL, JULIE M. TITLE OF INVENTION: COMPOUND TITLE OF INVENTION: DETECTIC TITLE OF INVENTION: DETECTIC TITLE OF INVENTION: POLYMORE NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
TELEFAX: 302-992-7949
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
RAPPLICATION NUMBER: 08/346,456
APPLICATION NUMBER: 1994
ATTORNEY/AGENT INFORMATION:
NAME: FLOYD, LINDA XXAMETHY
REGISTRATION NUMBER: 33,692
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                 REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-892-8112
                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0,
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: FLOPPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 100,
CITY: WILMINGTON
CTATE: DELAWARE
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LENGTH: 22 base pairs
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REGISTRATION NUMBER: 30,623
REFERENCE/DOCKET NUMBER: M-12594 CIP (1570-8)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 382-0700
TELEPAX: (212) 382-0888
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 16-AUG-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      y Match 0.3%; Score 15.6; DB 1; Length 22; Local Similarity 81.8%; Pred. No. 3.5e+02; hes 18; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                               TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: E. I. DU PONT DE NEMOURS AND ADDRESSEE: COMPANY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1007 MARKET STREET
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                                                                                                                          BB-1064-A
                                                                                                                                                                                                                                                                                                                                                 VERSION 1.25
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RESULT 186
US-08-776-971-79
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 6228984
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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                                      INFORMATION FOR SEQ ID NO: 79:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: SI
TOPOLOGY: LINEAR
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                                                                      COMPUTER: IBM COMPATIBLE
COMPATION DOS
SOFTWARE: FRANCISCO
SOFTWARE: FRANCISCO WINDOWS Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/776,971B
FILING DATE: 06-Feb-1997
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/03821
FILING DATE: 28-DEC-1996
APPLICATION NUMBER: JP 7/343371
FILING DATE: 28-DEC-1996
APPLICATION NUMBER: JP 9/343371
FILING DATE: 15-KAR-1996
APPLICATION NUMBER: JP 8/59419
FILING DATE: 15-KAR-1996
APPLICATION NUMBER: JP 8/5419
FILING DATE: 15-KAR-1996
APPLICATION NUMBER: JP 8/246573
FILING DATE: 18-SEP-1996
APPLICATION NUMBER: JP 8/246573
FILING DATE: 18-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: CON111 DATA: 18-SEP-1996
ATTORNEY/AGENT INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pair
                                                                            REFERENCE/DOCKET NUMBER: 47176
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-523-3400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Fukusumi, Shoji
Kitada, Chieko
TITLE OF INVENTION: POLYPROTEINS, THEIR PRODUCTION AND USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2755 GTAGAAACAGACATGGAGCTCT 2776
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             h 0.3%;
Similarity 81.8%;
18; Conservative
                                                                                                                                        NAME: Conlin, David G. REGISTRATION NUMBER: 27,026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 130 Water Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 02109
                                                     TELEFAX: 617-523-6440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/08776971B
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Fujii, Ryo
Fujii, Shoji
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Habata, Yugo
Kawamata, Yuji
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Pred. No. 3.5e+02;
0; Mismatches 4
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; MOLECULE, TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; SEQUENCE DESCRIPTION: SEQ ID NO: 79:
US-08-776-971-79
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ś
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-177-650-34
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US-09-177-650-34/c
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US-09-576-290-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Leppert, Mark F.
APPLICANT: Singh, Nanda
APPLICANT: Singh, Nanda
APPLICANT: Chariler, Carole
TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE
TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFN
TITLE OF INVENTION: AND OTHER EPILEPSIES
FILE REFERENCE: 2233-134
CURRENT APPLICATION NUMBER: US/09/177,650
CURRENT FILING DATE: 1998-10-23
EARLIER APPLICATION WHERE: 60/063,147
EARLIER FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 129
CONTENDED TO THE CONTENDED TO THE POSITION OF SEQ ID NOS: 129
CONTENDED TO THE CONTENDED TO THE POSITION OF SEQ ID NOS: 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 34
LENGTH: 22
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Patent No. 6413719
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Best Local S
                                                                                                                                                                                                                                                                                                                                 Patent No.
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                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
            COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                APPLICANT:
                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                 TITLE OF
                                                                                                                                                                                                                                 APPLICANT:
                                                                               STATE:
                                                                                             CITY: Boston
                                                                                                               STREET:
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nes 18; Conservative
COMPUTER:
                                                                                                                                ADDRESSEE:
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                                                                                                                                                                          T: Pukusumi, Shoji
T: Kitada, Chieko
INVENTION: POLYPROTEINS, THEIR PRODUCTION AND USE
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TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                  Application US/09576290
                                                                                                                130 Water Street
                                                                                                                                                                                                                                                             Hinuma,
Habata, Yugo
Habata, Yuji
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                                                                                                                                                                                                                                               Hosoya, Masaki
IBM compatible
                                                                                                                              DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
             Diskette
                                                                                                                                                                                                    Ryo
Shoji
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Pred. No. 3.5e+02;
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Pred. No. 3.
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                                                                                                                                                                                                                                                                                                         Patent No. 5639612
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Mitsuhashi, Masato
APPLICANT: Cooper, Allan
TITLE OF INVENTION: Gene Detection System
NUMBER OF SEQUENCES: 726
CORRESPONDENCE ADDRESS:
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: :
SEQUENCE CHARACTERISTICS:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
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REGISTRATION NUMBER: 33,229
REFERENCE, DOCKET NUMBER: TUT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: LII
ANTI-SENSE: NO
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: DeLuca, Mark
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: METHODS OF DETECTING A GENETIC TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/07 FILING DATE: 13-NOV-1992
                                                                                                                                                        STREET: 620 Newport Center Drive CITY: Newport Beach
                                                                                                         COUNTRY: U
                                                                                                                                           STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: NUCLEIC ACID
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             2755 GTAGAAACAGACATGGAGCTCT 2776
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Baldwin, Clinton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                            OLSON AND BEAR
                   Version #1.25
                                                                                                                                                                              16th Floor
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US-08-256-426B-165
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Best Local Similarity 81.8%;
Matches 18; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 714-760-9502 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                  APPLICATION NUMBER: PCT/US93/1096
FILING DATE: 12-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
                                                                                                                                CLASSIEICATION: 435
PRIOR APPLICATION DATA:
PRIOR OF THE PRIOR NUMBER: PCT/US93/10964
                                                                                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDERPECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/256,
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FILING DATE: 12-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                 FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Mark DeLuca
                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: 714-760-0404
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                                                                                                                                                                                                                                                                                                                                                                                        STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                            COUNTRY: UZIP: 19103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Altman, Daniel E. REGISTRATION NUMBER: 34 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
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REFERENCE/DOCKET NUMBER: TJU-1082
                    REGISTRATION NUMBER:
                                                                                                                                                                                                FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                            USA
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Williams, Charlene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Baldwin, Clinton
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Prockop, Darwin J.
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                                                                                                                                                                                               03-FEB-1995
                                                                                                                                                                                                                                                                                                          DISKETTE,
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Pred. No. 3.
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Claritation of

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US-09-529-812A-8/c
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                                                                                                                                                                           US-09-657-472-1211/c
                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence: Triplex ; OTHER INFORMATION: forming oligonucleotide ; OTHER INFORMATION: This oligo may or may not be 3'-monophosphorylated US-09-529-812A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Homo sapiens
US-09-177-650-45
                                                                                                                                                                                               RESULT 181
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LENGTH: 21
TYPE: DNA
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APPLICANT: LU, CHANGDE
APPLICANT: LU, CHANGDE
TITLE OF INVENTION: NEW TRIPLEX FORMING OLIGONUCLECTIDES AND
TITLE OF INVENTION: ANTI-HBV
FILE REFERENCE: 017227/0160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 89.5
Matches 17; Conservative
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SEQ ID NO 45
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local
                                                                                                                   GENERAL INFORMATION:
                                                                                                                                     Sequence 1211, Application US/09657472 Patent No. 6727063
                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/529,812A
CURRENT FILING DATE: 2000-07-24
PRIOR APPLICATION NUMBER: PCT/CN98/00248
PRIOR FILING DATE: 1998-10-19
PRIOR APPLICATION NUMBER: CN 97106667.1
PRIOR FILING DATE: 1997-10-21
PRIOR FILING DATE: 1997-10-21
NUMBER OF SEQ ID NOS: 18
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TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTE
TITLE OF INVENTION: MUTATED IN BENIGN FAMI
TITLE OF INVENTION: MUTATED IN BENIGN FAMI
TITLE OF INVENTION: AND OTHER EPILEPSIES
FILE REFERENCE: 2323-134
CURRENT APPLICATION UNMBER: US/09/177,650
CURRENT FILING DATE: 1998-10-23
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EARLIER FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 129
                                                       APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PatentIn Ver. 2.1
      PPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                          Local Similarity
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Bolk, Stacey
Daley, George Q.
McCarthy, Jeanette J.
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Pred. No. 3
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Pred. No. 3.
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RESULT 183 US-07-977-284A-165

Sequence 165, Application US/07977284A Patent No. 5558988 GENERAL INFORMATION:

APPLICANT:

Prockop, Darwin J. Ala-Kokko, Leena Williams, Charlene J.

APPLICANT:

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US-09-657-472-1721
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 2551
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 1211
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1721
                                                                        Matches
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Best Local Similarity
                                                                                          Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
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                                                                                                                                                                                        TYPE: DNA
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                  2099 CCTGCACTTGCCTGATGCAGC 2119
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CCTGCACTTGYTTGATGTTGC 1
                                                                        Conservative
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                                                                                          Score 15.8;
Pred. No. 3.
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Pred. No. 3.1e+02;
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                                                                                            .1e+02
                                                                                                              DB 1;
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COUNTRY:

USA

Pasadena CA

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RESULT 177
US-08-943-731-606/c
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Best Local Similarity
Warches 17; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
TELEPAN: (626) 795-6321
INFORMATION FOR SEQ ID NO: 87:
ESPECIALS CREATERING.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 606, Application US/08943731 Patent No. 6265157
             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
DETLING DATE: 03-OCT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 versior
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
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APPLICANT:
APPLICANT:
APPLICANT:
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TYPB: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPB: Other nucleic acid
                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 666

CORRESPONDENCE ADDRESS: PANTICH SCHWARZE JACOBS & NADEL, P.C.
ALDRESSER: PANTICH SCHWARZE JACOBS & NADEL, P.C.
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
                                                                                                                                                                                                                                                                                                                                         APPLICANT: KORKKO, JARMO
APPLICANT: ALA-KOKKO, LEENA, et al.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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STREET:
CITY: PF
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                                                                                                                                                                                                          STATE: PA
                                                                                                                                                                    COUNTRY: USA
ZIP: 19103-7086
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2641 CTGCAGCTGCTGCAGC 2659
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PROCKOP, DARGO.
SPOTILA, LORETTA D.
SPOTILAS, CONSTANTINOS D.
                                                                   PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                      COLIGE, ALAIN EARLY, JAMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LARSON, ANDREA W.
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Pred. No. 3.1e+02;
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RESULT 179 US-09-177-650-45

Sequence 45, Application US/09177650 Patent No. 6413719 GENERAL INFORMATION: APPLICANT: Leppert, Mark F. APPLICANT: Singh, Nanda

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GENERAL INFORMATION:

APPLICANT: Tu. Guang-Chou

APPLICANT: Israel, Yedy

ITILS OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF

ITILS OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES

FILE REFERENCE: 9855-3U1

CURRENT APPLICATION NUMBER: US/09/109,663

CURRENT FILING DATE: 1998-07-03

EARLIER APPLICATION NUMBER: 60/051,705

EARLIER APPLICATION NUMBER: 0507-07-03

NUMBER OF SEQ ID NOS: 81

SOFTWARE: PATENTIN DATE: 1997-07-03

NUMBER OF SEQ ID NOS: 81

SOFTWARE: PATENTIN Ver. 2.0

SEQ ID NO 8
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US-09-109-663-8
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                                                                         Best Loc
Matches
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                                                                                                          Query Match
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SEQUENCE CHARACTERISTICS
LENGTH: 21 base pairs
                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence: Candidate OTHER INFORMATION: TNF(alpha) ASO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/212,322
FILING DATE: 14-MAR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/803,628
FILING DATE: 03-DEC-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-965-1284
TELEPAX: 215-567-2991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.3%;
Local Similarity 89.5%;
les 17; Conservative
                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: DOYLE LEARY Ph.D., KAREGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            515 GGACAGAGATGGCTGGCGG 533
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ω
                                                                         l Similarity
17; Conserv
 TGAGTTCCGAAAGCCCATT 21
                                  TGGGTTCTGAAAGCCCATT 78
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                                                                         Conservative
                                                                                       0.3%; Score 15.8; DB 1;
89.5%; Pred. No. 3.1e+02;
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Pred. No. 3.1e+02
                                                                           Mismatches
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US/08/863,639A 1997

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RESULT 174
US-08-863-639A-66/c
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                                                   US-08-863-639A-66
                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. MUETH
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEPAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 66:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 66, Application US/08863639A Patent No. 5981185
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches 17;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. MLETH
REGISTRATION NUMBER: 20,53
                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: Windows 95
SOPTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                    TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                       SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: Other nucleic acid
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS NUMBER OF SEQUENCES: 95
                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/863,639A FILING DATE: May 28, 1997 CLASSIFICATION: 435
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Local Similarity 89.5%;
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TOPOLOGY: linear
                                                                                                     STRANDEDNESS:
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: CA
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DEDNESS: single
                                                                                                                    nucleic acid
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Coassin, Peter J.
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Caskey, C. T.
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                                                                    Other nucleic acid
                                                                                                   single
0.3%;
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Score 15.8; DB 1;
Pred. No. 3.1e+02;
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Pred. No. 3.1e+02;
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TELEPAX: (626) 795-6321

INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base noise
                                                             GENERAL INFORMATION:
APPLICANT: MALBON, Peter J.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLE
                                                                                                                                                         Sequence 87, Application US/08863639A
Patent No. 5981185
                                                                                                                                                                                                                                                                                                                              Matches
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Best Local Similarity
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FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH B. Mueth
REGISTRATION NUMBER: 20,533
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESSES: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                Other nucleic acid
                                                 OLIGONUCLEOTIDE REPEAT ARRAYS: 95
                                                                                                                                                                                                                                                                                                                                             0.3%; Score 15.8; DB 1
89.5%; Pred. No. 3.1e+02
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                                                                                                                                                                                                                                                                                                                              0; Mismatches
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RESULT 172
US-08-863-639A-40/c
; Sequence 40, Application US/08863639A
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US-08-863-639A-28/c
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                                                                                                                                              Matches
                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.3%;
Best Local Similarity 89.5%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                               TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        equence 28, Application US/08863639A atent No. 5981185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,5
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: Oth
                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Matson, Robert S. APPLICANT: Coassin, Peter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA
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ADDRESSEB: Sheldon & Mak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGON
                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08 FILING DATE: May 28, 1997 CLASSIFICATION: 435
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                                                                                                     2641 CTGCAGCTGCTGCTGCAGC 2659
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                                                                                21 crecrecrecrecrec 3
                                                                                                                                              17;
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: CA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Coassin,
                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                          (626) 796-4000
                                                                                                                                                                                                                   Other nucleic acid
                                                                                                                                                                                                                                                 single
                                                                                                                                                          0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OLIGONUCLECTIDE REPEAT ARRAYS
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                                                                                                                                                                                                                                                                                                                                                                                      20,532
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3.50 inch, 1.44 Mb storage
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Pred. No. 3.1e+02;
                                                                                                                                                          Score 15.8;
Pred. No. 3.
                                                                                                                                            Mismatches
                                                                                                                                                         .1e+02;
                                                                                                                                                                         DB 1;
                                                                                                                                                                       Length 21;
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Query Match
Best Local Similarity
Thehes 17; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (626) 796-4000
TELEPAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 40
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                      Patent No. 5981185
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                       Sequence
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                                                                                                                                                                                                          APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLICONUCLECTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESONATION: 95
                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Av
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 in
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                           ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: 1: MOLECULE TYPE:
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APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLECTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
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CURRENT APPLICATION DATA:
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          COMPUTER: IEM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
                                                                                                                                                STREET: 225 Sou
CITY: Pasadena
                                                                                                 COUNTRY: U
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FILING DATE: May 28, 1997
CLASSIFICATION: 435
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n, Peter J.
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                                                                3.50 inch, 1.44 Mb storage
                                                                                                                                                                   Avenue,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3.50 inch, 1.44 Mb
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Pred. No. 3.1e
0; Mismatches
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                                                                                                                                                                   9th Floor
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NUMBER OF SEQ ID NOS: 228
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-167-109-62
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                                                                                                                    SOFTWARE: P.
SEQ ID NO 65
LENGTH: 20
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Best Local
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Query Match
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Patent No. 6448079
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Baker, Brenda F.
APPLICANT: Cowsert, Lex M.
APPLICANT: Cowsert, Lex M.
APPLICANT: Monia, Brett P.
APPLICANT: Xu, Xiaoxing S.
APPLICANT: Xiaoxing S.
APPLICANT: APPLICATION NUMBER: US/09/167,109
CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
                                                                                                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/640,101
CURRENT FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: 09/286,904
PRIOR PILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 107
                                                                                                                                                                                                                                                      TITLE OF INVENTION: Antidense Modulation of p38 Mitogen TITLE OF INVENTION: Activated Protein Kinase Expression FILE REPERENCE: ISPH-0488
                                                                                                                                                                                                                                                                                                              APPLICANT: Nero, Pamela APPLICANT: McKay, Robert
                                                                                                                                                                                                                                                                                                                                                                               ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                OTHER INFORMATION: antisense sequence
                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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                                                                                                                                                      Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                             Monia, Brett P.
Gaarde, William A.
Nero, Pamela S.
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Pred. No. 2
Score 15.8;
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Pred. No. 2
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DB 1;
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Length 20;
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US-09-975-123-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-267-803B-66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-975-123-23/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REPERENCE: RTS-0253
CURRENT APPLICATION NUMBER: US/09/975,123
CURRENT FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 43
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: SUSAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 23, App. Patent No. 67500
                                                                              TITLE OF INVENTION: Patent No. 5834183
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 66,
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
         ATTORNEY/AGENT INFORMATION:
NAME: MCCOrmack, Myra H.
REGISTRATION NUMBER: 36,602
REFERENCE/DOCKST NUMBER: 110.
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                            STREET: P.O. Box : CITY: Minneapolis
TELEPHONE:
                                                                                                                                                                                                                                                                              ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
STREET: P.O. Box 581415
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                                                                                                                                                                                                                                                                                                                                                                                 Ranum, Laura P.W. Chung, Ming-yi Zoghbi, Huda Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                             Orr, Harry T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                         Type 1 and Method for Diagnosis: 85
                                                                                                                                                                                                                                                                                                                                                                   Gene Sequence for Spinocerebellar Ataxia
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tive 0; Mismatches 2
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Pred. No. 2.
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APPLICANT: Dijkhuizen, Lubbert
APPLICANT: Dijkstra, Bauke
APPLICANT: Andersen, Claus von der
ITILE OF INVENTION: Cyclomaltodextrin Glucanotransferase
ITILE OF INVENTION: US
CURRENT APPLICATION NUMBER: US/08/947,965A
CURRENT FILLING DATE: 1997-10-09
EARLIER APPLICATION NUMBER: 1047/95
EARLIER APPLICATION NUMBER: 1173/95
EARLIER APPLICATION NUMBER: 1281/95
EARLIER APPLICATION NUMBER: 1281/95
EARLIER APPLICATION NUMBER: 1995-11-16
EARLIER APPLICATION NUMBER: PCT/DK96/00179
EARLIER FILLING DATE: 1996-04-22
EARLIER FILLING DATE: 1996-04-22
TRESULT 164
US-09-286-904-65
; Sequence 65, Application US/09286904A
; Patent No. 6140124
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                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 44
LENGTH: 20
                                                                                                                                                                                                                   Query Match 0.3%;
Best Local Similarity 89.5%;
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Patent No. 6004790
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Best Local Similarity
                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                        OTHER INFORMATION: nucleotide -08-947-965-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 78
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Saxe, Stephen A.
REGISTRATION NUMBER: 38,609
REFERENCE/DOCKET NUMBER: 24884-121392-01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4848
TELEFAX: 202-962-8300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "Primer."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 10-JA
                                                                                                                                                          1819 CCACAGCCGGCGGATGCAC 1837
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                                                                                                                   CCACTGCCGGCGGAAGCAC 20
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Pred. No. 2.9e+02
0; Mismatches
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Pred. No. 2.9e+02;
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RESULT 166
US-09-657-042A-38
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US-09-429-323-62
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
FILE REFERENCE: RTS-0092
CURRENT APPLICATION UNMERE: US/09/429,323A
CURRENT FILING DATE: 1999-10-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6140126
Patent No. 6140126
Patent No. 6140126
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 17; Conserv
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATI
FILE REFERENCE: RTS-0148
CURRENT APPLICATION NUMBER: US/09/657,042A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NOS: 88
                                                                                                                                                    Sequence 38, Application US/09657042A Patent No. 6329203 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: ISPH-0347
CURRENT APPLICATION NUMBER: US/09/286,904A
CURRENT FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 95
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
TITLE OF INVENTION: Activated Protein Kinase Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: antisense sequence
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                                                                                                  ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESS!
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Pred. No. 2.9e+02;
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Pred. No. 2.9e+02;
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US-08-849-021-75
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                                             Sequence 75, Application US/08849021
PATENT NO. 5955276
GENERAL INFORMATION:
APPLICANT: MORGANTE, MICHELE
APPLICANT: WOGGL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: POLYMORPHISMS
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                     Matches 16; Conservative
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OTHER INFORMATION:
PEATURE:
NAME/KEY: modified_
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NAME/KEY:
LOCATION:
                  NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRE
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OTHER INFORMATION:
OTHER INFORMATION:
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LOCATION:
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LOCATION: LOCATION: LOCATION: J mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
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LOCATION: 11
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
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OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
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LOCATION:
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 ADDRESSEB:
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DU PONT DE NEMOURS AND
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/note= "5-methylcytosine"
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/note= "5-methyl
                                                                                                                                                                                                                                                                                                                                                                    100.0%;
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/note= "N4,N4-ethanocytosine"
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/note= "N4,N4-ethanocytosine"
                                                                                                                                                                                                                                                                                                                                                                     Score 16; DB 1; Length 21; pred. No. 2.8e+02;
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Best Local Similarity
""" hes 17; Conserve
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TELEFAX: 302->>-
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-874-186-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4
Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
ATTORNEY/AGENT INFORMATION:
NAME: PLOYD, LINDA AXAMSTY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKST NUMBER: BB-1064-A
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Teng, David H-F.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Perry III, William L.
APPLICANT: Skolnick, Mark H.
TITILE OF TAVENSTON:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT IN RELEASE #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                 STREET: 1201 New CITY: Washington
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CITY: WILMINGTON
STATE: DELAWARE
                                                                                                                                                                                                                      STATE:
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                                                                                                                                                                                     COUNTRY: U
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5. 5989885
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89.5%; Pred. No. 2.8e+02
                                                                                                                                                                                                                                                                                                                              SPECIFIC MUTATIONS OF MAP KINASE KINASE 4 (MKK4) IN HUMAN TUMOR CELL LINES IDEN SUPPRESSOR IN VARIOUS TYPES OF CANCER
                                                        US/08/874,186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US/08/849,021
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RESULT 159
PCT-US91-03680-37/c
; Sequence 37, Application PC/TUS9103680
; GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
US-09-657-472-83
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SEQ ID NO 83
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NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: MUTABhige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                      FEATURE:
NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCI
FILING DATE: 19910524
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Matteucci, Mark D. APPLICANT: Krawczyk, Steven
                                                                                          NAME/KEY: modified LOCATION: 7
OTHER INFORMATION: OTHER INFORMATION:
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TELEFAX: 706141
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OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
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STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
NAME/KEY: modified_base
LOCATION: 9
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Match 0.3%;
Local Similarity 88.9%;
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                                                                                          /mod_base= OTHER
/note= "5-methyl
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                                                                                            "5-methylcytosine"
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                                                                                                                                                                                  COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US91/03680

FILING DATE: 19910524

CLASSIFICATION: 435

CLASSIFICATION: 435

CLASSIFICATION: 435
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Best Local Similarity
                                TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                     REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 46:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Matteucci, Mark D. APPLICANT: Krawczyk, Steven
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OTHER INFORMATION:
OTHER INFORMATION:
FEATURE:
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OTHER INFORMATION: /mod_base= OTHER OTHER INFORMATION: /note= "5-methylcytosine"
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NAME/KEY:
LOCATION:
                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 21
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4, N4-ethanocytosine"
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LOCATION: 15
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21 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /mod_base= OTHER
/note= "5-methyl
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/note= "5-methylcytosine"
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                                    38:
                                                                                                                             4610-0011.40
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US-08-435-634-11/c
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                                                                                                                                                US-09-660-925B-5
                                                                                                                                                                   RESULT 156
Sequence 5, Application US/09660925B
Patent No. 6352858
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Freder
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0177
                                                                                                                                                                                                                                                                                                                               Query Match
Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: FABLESQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,63
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: 08/390,850
FILING DATE: Pebruary 17, 1995
APPLICATION NUMBER: 08/354,920
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM COMPATION OF THE COMPATION OF THE COMPATION OF THE COMPATION OF THE COMPATION OF T
                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard
REGISTRATION NUMBER: 32,7
REFERENCE/DOCKET NUMBER: 21:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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Local Similarity 85.7%;
nes 18; Conservative
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FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295ember 12, 1993
APPLICATION NUMBER: 07/989,848
APPLICATION NUMBER: 07/989,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
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                                                                                                                                                                                                                                                                  104 CACCTCTTCTCAGCCTTGCAG 124
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633 West Fifth Street
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Gustofson, John
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                         BTAK EXPRESSION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        밁
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US-08-948-113D-31/c
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                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Bactscher, Manfred W.
APPLICANT: Aktyoshi, Donna B.
APPLICANT: Kaylan, Ruth A.
TITLE OF INVENTION: Cells and Pigs for Use in Said Method, Transgenic Pigs
FILE REFERENCE: 61750-309
FULE REFERENCE: 1997-10-09
FULE REFERENCE: 1997-10-09
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PALENTIN Ver. 2.1
SEQ ID NO 31
LENGTH: 23
                                                                                                                                                                                                                                                                                                          Sequence 83, Application US/09657472
Patent No. 6727063
GENERAL INFORMATION:
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SEQ ID NO 5
LENGTH: 22
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Best Local &
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Best Local S
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             APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCartchy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
FRIOR APPLICATION NUMBER: US 60/153,357
PRIOR PILING DATE: 1999-09-10
PRIOR PILING DATE: 1999-09-10
PRIOR PILING DATE: 1999-09-10
PRIOR PILING DATE: 1999-09-10
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                                                                                                                                                                                                                                               APPLICANT: Lander, Bric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Match 0.3%; Score 16.2; Local Similarity 85.7%; Pred. No. 2.
APPLICATION NUMBER: US 60/225,724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3257 AGGACCTGGCCTCTGTGCTTAGT 3279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                162 GGGAAGAATCTGAGGAACACA 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                               23 AGGTCSTGGTGTGTGCTAAGT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 GGGAAGAATTTGAAGGACACA 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%; Score 16.2; DB 1; 78.3%; Pred. No. 2.8e+02;
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Length 21;

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PCT-US96-08235-13/c
; ANTI-SENSE:
PCT-US96-08235-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-509-015-13
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13, Application
                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
REFERENCE/DOCKET NUMBER: 9647
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1NFORMATION:
                                                                                                                                                              TELEFAX: (314) 727-6092 INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (314) 727-5188
TELEFAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
              MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: WATSON, MARK A.
APPLICANT: PLEMING, TIMOTHY P.
TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                      STRANDEDNESS:
TOPOLOGY: lir
                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 7733 FOI
                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 08/933,149
APPLICATION NUMBER: 08/933,149
FILING DATE: 1997-09-18
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: KASTEN, DANIEL S.
REGISTRATION NUMBER: 45,363
REFERENCE/DOCKET NUMBER: 6029-3654
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5393 ААААААТАСААААААСАААА 5413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: cDNA to mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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ANTI-SENSE: NO
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7733 FORSYTH BOULEVARD, SUITE 1400
                                                                                                                                                                                 (314)
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                                                                      linear
                                     ĕ
                                                    cDNA to mRNA
                                                                                     single
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                                                                                                                                                                                                                                     964796
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Pred. No. 2.6e+02;
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                                                                                                                                   US-08-390-850-11
                                                                  Matches
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Best Local Similarity
                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
PRILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
PILING DATE: No. 5612215ember 12, 1:
APPLICATION NUMBER: 07/989,848
APPLICATION NUMBER: 07/989,848
                                                                                                                                                                                                                                     TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: IBM P.C. DOI SOFTWARE: PASTSEQ Version 1.5 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                       FILING DATE: December 7,
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                  Local
                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                   ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5393 АЛАЛАЛАТАСЛАЛАЛАСЛАЛА 5413
                                 104 CACCTCTTCTCAGCCTTGCAG 124
21
                                                                                  Similarity
CACCTCTTCCCAGACTTTCAG 1
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                                                                                                                                                                                                     22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  McSwiggen, James
Gustofson, John
Stinchcomb, Dan T
                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                        December 7, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pamela
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 METHOD AND REAGENT FOR TREATMENT OF ARTHRITIC CONDITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kenneth G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US/08/390,850
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Pred. No. 2.6e+02;
                                                                                  Score 16.2; DB 1
Pred. No. 2.7e+02
                                                                  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                            1993
                                                                                                   DB 1;
                                                                                                Length 22;
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                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo Sapiens
; PEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; COTHER INFORMATION: downstream amplification primer 99-11356 for SEQ 2490,
US-09-422-978-10355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-422-978-10355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-380-836-57
                                             SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 57
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 57, Application US/09380836 Patent No. 6551775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 10355
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 10355, Application US/09422978 Patent No. 6537751
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Lifton, Richard P.
APPLICANT: Chang, Sue S.
APPLICANT: Rossier, Bernard C.
TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
TITLE OF INVENTION: Resulting from Deficient Ion Transport such as
TITLE OF INVENTION: Pseudohypoaldosteronism Type-1
                                                                                                                                                                                                                                                    FILE REFERENCE: 44574-5018-US
CURRENT APPLICATION NUMBER: US/09/380,836
CURRENT FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: US 60/040,171
PRIOR FILING DATE: 1997-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5146 GGAACCATTTGCCTCTGGCTG
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Pred. No. 2.
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                          B-5 forward
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-509-015-13/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 152
                                                                                                                                                                                                                                                                                                                                               Sequence 13, Application 5, 55.

Sequence 13, Application 5, 55.

Patent No. 6677428

Patent No. 6677428

GENERAL INFORMATION:

MAPPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.

APPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.

MAMMAGLOBIN, A SECRETED

MAMMARY SPECIFIC BREAST CANCER PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EARLIER FILING DATE: 1995-05-31
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PATENTIN VEr. 2.0
SEQ ID NO 13
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: WATSON, WARK A
APPLICANT: FLEMING, TIMOTHY P
APPLICANT: INVENTION: Mammaglobin, A Secreted Mammary-Specific Breast Cancer
TITLE OF INVENTION: Protein
FILE REFERENCE: 6029-5134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/162,622
CURRENT FILING DATE: 1998-09-29
EARLIER APPLICATION NUMBER: 08/933,149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     EARLIER FILING DATE: 1997-09-18
EARLIER APPLICATION NUMBER: PCT/US96/08235
EARLIER FILING DATE: 1996-05-31
EARLIER APPLICATION NUMBER: 08/455,896
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ·09-162-622-13/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local
                                SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/509,015
FILING DATE: 30-May-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                    COUNTRY: USA
ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5393 ААЛАЛАТАСЛАЛАЛАСЛАЛА 5413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2635 CCGTCCCTGCAGCTGCTGCTG 2655
                    PRIOR
                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21 AAAAAAAAAAAAAAAAAAAA 1
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                                                                                                                                                                                                                                                                                          ADDRESSEE: HOWELL & P
STREET: 7733 FORSYTH
APPLICATION NUMBER: PCT/US98/17991
                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                     STATE: MISSOURI
                                                                                                                                                                                                                                                                        CITY: ST.
                    APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/09162622
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85.7%; Pred. No. 2.6e+02;
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                                                                                                                                                                                                                                                                                          & HAFERKAMP, L.C.
YTH BOULEVARD, SUITE 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0,
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Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BB
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CURRENT APPLICATION NUMBER: US/09/328,174A
CURRENT FILING DATE: 199-06-08
PRIOR APPLICATION NUMBER: US/09/328,174
PRIOR FILING DATE: 1999-06-08
NUMBER: OF SEQ ID NOS: 110
SOPTMARE: FastSEO for mi
RESULT 147
US-09-475-947A-119/c
; Sequence 119, Application US/09475947A
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                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-108
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US-08-726-278-2
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SEQ ID NO 2
LENGTH: 21
TYPE: DNA
                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Apprint No. 6238624
                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                      SEQ ID NO 108
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6448003
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 108, Application US/09328174A Patent No. 6448003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Heller, Michael J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase TITLE OF INVENTION: (STP2)
FILE REFERENCE: 4389-6 (formerly SEQ-16P)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Guida, Marco
APPLICANT: Kurth, Janice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 08/271,882
PRIOR FILING DATE: 1994-07-07
NUMBER OF SEQ ID NOS: 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: SOSNOWSKI, RONALD G.
TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR TITLE OF INVENTION: BIOLOGICAL NALLYSIS AND DIAGNOSTICS FILE REFERENCE: DAVID B. MURPHY/NANOCEN: 222-210
CURRENT APPLICATION NUMBER: US/08/726,278
CURRENT FILING DATE: 1996-10-04
DEFINE APPLICATION TRANSPORT.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Sequences OTHER INFORMATION: Labeling
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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                                                                                                                  1195 GAGAAATCAGAGAAAAGGCAGG 1215
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11 Similarity 81.0%;
17; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PatentIn Ver. 2.0
                                                                                              GAGAAAGCTGAGATAGGCAGG 1
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                                                                                                                                                                  Conservative
                                                                                                                                                                                0.3%;
85.7%;
                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1; Mismatches
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Pred. No. 2.6e+02;
                                                                                                                                                                                Score 16.2; DB 1
Pred. No. 2.6e+02
                                                                                                                                                                                                   DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 21;
                                                                                                                                                                                                 Length 21;
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                                                                                                                                                                  Indels
                                                                                                                                                                0;
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APPLICANT: Garmer, Harold R.

APPLICANT: Wren, Jonathan D.

APPLICANT: Minna, John D.

APPLICANT: Minna, John D.

FILE REFERENCE: USON667

CURRENT APPLICATION NUMBER: US/09/475,947A

CURRENT APPLICATION NUMBER: US/09/475,947A

CURRENT FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 346

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 119

LENGTH: 21

TYPE: DNA

ORGANISM: human

US-09-475-947A-119
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                                                                   US-09-428-929-9
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                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 6472154
GENERAL INFORMATION:
 Matches
               Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER REALABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 212-790-9090
                                                                                                                                                                                                                                                                                                                                                FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/916,043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                             TELEPHONE: 212-790-90:
TELEFAX: 212-869-8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
nes 18; Conserv
                                                                                                     TOPOLOGY:
                                                                                                                STRANDEDNESS:
                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 10036/2711
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
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                 Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     B: Pennie & Edmonds LLP
1155 Avenue of the Americas
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Shimkets,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                  linear
E: DNA
                                                                                                                 single
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85.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     s, Richard A.
ATRIAL NATRIURETIC FACTOR MUTANTS
AND ISCHEMIC STROKE
               0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                       US/09/428,929
                                                                                                                                                                                                                                                                                    18,872
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Score 16.2; DB 1;
Pred. No. 2.6e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 16.2; DB 1;
Pred. No. 2.6e+02;
0; Mismatches 3
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                               Length 21;
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 Indels
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Gaps
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US-08-916-043-9
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APPLICATION UNMEER: 08/455,89

FILING DATE: 05/31/1995

ATTORNEY/AGENT INFORMATION:

NAME: HOLLAND, DONALD R.

REGISTRATION UNMEER: 35,197

REFERENCE/DOCKET NUMBER: 9527

TELECOMMUNICATION INFORMATION:

TELEPHONE: (314) 727-5188

TELEPHONE: (314) 727-6092

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA to mRNA

HYPOTHERICAL: NO

ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%;
Best Local Similarity 85.7%;
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               equence 9, Application US/08916043
atent N. 6013630
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                             APPLICATION NUMBER: US/08/916,043
FILING DATE: 21-AUG-1997
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 7934-048
                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                               SOFTWARE: FastSEQ Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                         STREET: 1100
CUTY: New York
                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                               OPERATING SYSTEM:
SOFTWARE: FastSE(
                                                      TELEPHONB: 212-790-90
TELEFAX: 212-869-8864
                                                                                                                                                                                                                                                                                       COMPUTER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE:
COMPUTER: IE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5393 AAAAAAATACAAAAAAGAAAA 5413
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                                      66141 PENNIE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Shimkets, Richard A.
VENTION: ATRIAL NATRIURETIC FACTOR MUTANTS
VENTION: AND ISCHEMIC STROKE
                                                                                                                                                                                                                                                                                         IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Floppy disk
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Pred. No. 2.6e+02
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: .; linear
; MOLECULE TYPE: DNA
US-08-916-043-9
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                                                                      US-08-271-882B-2
Best Local Similarity 81.0%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                    TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Glen A. E
APPLICANT: Ronald G.
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/146,504
PILLING DATE: NO. 6017696ember 1, 1993
ATTORNEY/AGENT INFORMATION:
NAME: MUTPHY, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 207/263
                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600 TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOSTWARE: Wordperfect (Version 5.1)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                    STRANDEDNESS: sin TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 1 FILING DATE: July 7,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                    LENGTH:
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5. 6017696
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633 West Fifth Street
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Glen A. Ev
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RONALD G. SOSNOWSKI
VENTION: SELF-ADDRESSABLE
VENTION: SELF-ASSEMBLING
VENTION: MICROELECTRONIC SYSTEMS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.3%; Score 16.2;
85.7%; Pred. No. 2
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                                                                                                                                                                                                                                                                                                                                                                                                 1994
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    Mismatches

                   Score 16.2; DB 1;
Pred. No. 2.6e+02;
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                                      DB 1;
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                                   Length 21;
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                                                                      Matches 18; Conservative
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Patent No. 5
                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/863
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH B. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
                                                                                                                                                                                                                                               TELEFAX: (626) 795-632
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM comparation 95
OPERATING SYSTEM: Windows 95
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 versi
CURRENT APPLICATION DATA:
CURRENT TOATTON NUMBER: US/08/863,639A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
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REFERENCE/DOCKET NUMBER: 111
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 22-
CTTY: Pasadena
                                                                                                                                                                           LENGTH: 21 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Match 0.3%;
Local Similarity 85.7%;
                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 91101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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                               5393 АЛАЛАЛАТАСЛАЛАЛАСЛАЛА 5413
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AAAAAAAAAAAAAAAAAAA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
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                                                                                                                                                            Other nucleic acid
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                                                                                   0.3%;
                                                                                                                                                                                                                                                                                      6321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3.50 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                          11859-1
                                                                    0; Mismatches
                                                                                   Score 16.2; DB 1;
Pred. No. 2.6e+02;
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Pred. No. 2.6e+02;
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                                                                                                       DB 1;
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                                                                      Indels
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                                                                    Gaps
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US-09-082-253-13/c
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US-08-416-214A-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (212) 751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                  Sequence 13, Application US/09082253 Patent No. 6004756
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 12, Application US/08416214A
Patent No. 5998596
                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                    GENERAL INFORMATION:
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HYPOTHETICAL: YE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bergan, R.
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
UNMBER OF SEQUENCES:
                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/416,214A FILING DATE: 04-APR-1995 ATTORNEY AGENT INFORMATION: NAME: Brown, Kathryn M. REGISTRATION NUMBER: 34,556 REFERENCE/DOCKET NUMBER: 2026-4166
                                                                                                                                                  APPLICANT: WATSON, MARK A.

APPLICANT: FLEMING, TIMOTHY P.

TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: FLOPPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
                                       CITY: ST. LOUIS
STATE: MISSONET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 21 base pairs
TYPE: Nucleic acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                               COUNTRY:
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                  63105-1817
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345 PARK AVENUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                  USA
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Inhibition Of Protein
Kinase Activity By Aptameric Action Of
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12
                                                                                 HOWELL & HAFERKAMP
TH BOULEVARD, SUITE 1400
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Pred. No. 2.
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RESULT 138
US-09-082-343-13/c
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US-08-725-976-2
                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 17; Conserv
BEQUEXAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: WATSON, MARK A.
APPLICANT: FLEMING, TIMOTHY P.
APPLICANT: OF INVENTION: DNA SEQUENCE AND ENCODED
MAMMARY-SPECIFIC BREAST CANCER PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                             Sequence 13, Application US/09082343 Patent No. 5968754
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 633 ...
STREET: 633 ...
STREET: LOB Angeles
CITY: LOB Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 22:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/725,976
FILING DATE: October 4, 1996
CLASSIFICATION: 422
PRIOR APPLICATION DATA: including apprior APPLICATION DATA: described by PRIOR APPLICATION DATA: described by PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/146,504
FILING DATE: No. 5929208ember 1, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM con
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
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                                                                                                                                                                                                                                                                            5396 ААЛАТАСЛАЛАЛАДАЛАЛАЛ 5416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             21
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                                                                                                                                                                                                                                                  1 AAAAAAAAAAAAAAAAAAA 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Murphy,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Heller, Michael J._i and Tu, Eugene VENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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ilarity 81.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WordPerfect (Version 6.0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IBM compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          David B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WINDOWS (VERSION 3.0)
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1: described below:
08/146,504
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                                                                                                                                                                                                                                                                                                                               Score 16.2;
Pred. No. 2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 10, Apr. No. 598118
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                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 5981185
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 952
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEPHONE: (314) 727-6992
INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS: Sheldon & Mak
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Caskey, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION: NAME: HOLLAND, DONALD R.
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                          ATTORNEY/AGENT INFORMATION:
                                          APPLICATION NUMBER: FILING DATE: May 2 CLASSIFICATION: 43
                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                  CITY: Pasadena
                                                                                                                                                                                                                                                                STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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ST. LOUIS
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            Joseph E. Mueth
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                                                                                                                                                                                                                                                                                       COBBBI, Pets.
COBBBI, Jang B.
Rampal, Jang B.
Caskey, C. T.
Caskey, C. T.
Caskey, C. T.
Caskey, C. T.
                                                                                                                                                                                                                                                                  225 South Lake Avenue, 9th Floor
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                                                          May 28, 1997
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                                                                            US/08/863,639A
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Pred. No. 2.6e+02;
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Gaps

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US/08/373,284A

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RESULT 135
US-08-743-200-18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 85.7%;
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COmpatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/743,200
FILING DATE: 05-NOV-1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                          Patent No. 5861260
GENERAL INFORMATION:
GENERAL INFORMATION:
DOXSEY, Stephen J.
TITLE OF INVENTION: DIAGNOSTIC METHODS FOR SCREENING
TITLE OF INVENTION: PATIENTS FOR SCLERODERMA
NUMBER OF SEQUENCES: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (703)-816-4100
TELEX: 200797 NIXN UR
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                       ALUANISTREET: 2- STREET: BOSTON CITY: BOSTON MA
                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Leonard C Mitchard
REGISTRATION NUMBER: 29009
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic)
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FILING DATE: 16-DEC-1
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: GB 92244386.4
FILING DATE: 20-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 20-JUL-
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                               STATE: MA
COUNTRY: US
ZIP: 02110-2804
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STRANDEDNESS: single
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CITY: Arlington
STATE: Virginia
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FILING DATE: 21-JUL-1992
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1100 No. 5830646th Glebe Road, 8th Floor
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US-08-933-149-13
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Patent No. 5922836
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 85.7%;
Matches 18; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                          TELEFAX: (314) 727-6092 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: WATSON, ME APPLICANT: FLEMING, TITILE OF INVENTION: N
                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: HENDERSON, MELODIE W.
REGISTRATION NUMBER: 37,848
REFERENCE/DOCKET NUMBER: 6029-6040
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: FASSe, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 07917/025001
TELECOMMUNICATION INFORMATION:
                ANTI-SENSE:
                                MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES: HOWELL & HAFERKAMP, L.C.
ADDRESSES: HOWELL & HAFERKAMP, SUITE 1400
STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION: 424
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STATE: MISSOURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                  STRANDEDNESS:
                                                                                                       TYPE: nucleic acid
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                                                    cDNA to mRNA
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MAMMARY SPECIFIC BREAST CANCER PROTEIN
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Pred. No. 2.6e+02;
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Query Match Best Local Similarity

0.3**%;** 85.7**%**;

Score 16.2; DB 1; Pred. No. 2.6e+02;

Length 21;

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PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOPTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 2069
LENGTH: 21
TYPE: DNA
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US-09-657-472-2069
                                                                                                                                                                                                                       APPLIANCE DATE:
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203/
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1489-1600
Query Match 0.3%;
Best Local Similarity 81.0%;
Matches 17; Conservative
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Patent No. 5605662
GENERAL INFORMATION:
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                                                                                                                                                                                          TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/146,504
FILING DATE: NO. 5605662ember 1, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application APPLICATION DATA: described below APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: IBM P.C. DOS (Version SOPTWARE: WordPerfect (Version 5.1) CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 611 ...
STREET: 611 ...
CITY: LOS Angeles
CTATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: SELF-ADDRÉSS TITLE OF INVENTION: MICROELECTRE TITLE OF INVENTION: MICROELECTRE TITLE OF INVENTION: DIAGNOSTICS
                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                           TELEPHONE: (213) 955-0440
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                                                                                                                STRANDEDNESS: single
                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM compatible
                                                                                                                                                   LENGTH:
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                                                                                           TOPOLOGY: linear
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Similarity 85.0%;
17; Conservative
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611 West Sixth Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC SYSTEMS AND DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND
                                                                                                                                                                                                                                                                                                                                                                                              including application described below:
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 Score 16.2; DB 1;
Pred. No. 2.6e+02;
1; Mismatches 3;
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Pred. No. 2.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 9527.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 727-5188
TELEPAX: (314) 727-6092
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                               Sequence 10, Application US/08373284A Patent No. 5830646
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 13, Application US/08455896 Patent No. 5668267
                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
TITLE OF INVENTION: DIAGNOSTIC METHOD NUMBER OF SEQUENCES: 13
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: MS-DOS 7
SOFTMARE: WordPad for Windows 95
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION: MARK A. APPLICANT: WATSON, MARK A. APPLICANT: FLEMING, TIMOTH
                                                                                                                                                 GENERAL INFORMATION:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
COMPUTER: IBM FC COMPATIBLE
COMPUTER: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: CI
HYPOTHETICAL: NO
ANTI-SENSE: NO
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, DONALD R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
STREET: 7733 FORSYTH BOULEVARD, SUITE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
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STATE: MISSOURI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH:
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                                                                                                                                                                                                                                                                                           21 AAAAAAAAAAAAAAAAA 1
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                                                                                                                                                                                                                                                                                                                                                                                  0.3%; Score 16.2; DB 1;
85.7%; Pred. No. 2.6e+02;
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Query Match
Best Local Similarity
Watches 17; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-659-791A-65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-659-791A-65/c
                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 129
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                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment:
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preventifus of INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                             NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4847
LENGTH: 20
TYPE: DNA
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patent No. 6383808
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
FILE REFERENCE: RTS-0156
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Best Local Similarity
Matches 17; Conserv
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SEQ ID NO 65
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                           Sequence 4847, Application US/09198452A Patent No. 6559294
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Best Local (
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CURRENT FILING DATE: 2000-09-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                              1620
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Similarity 94.4%;
CTTCATCTGCAGAGAGCT 19
                              CTTCAGCTGCAGAGAGCT 1637
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                                                                Conservative
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                                                              Score 16.4; D
Pred. No. 2.3e
0; Mismatches
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Pred. No. 2.
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Pred. No. 2
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                                                                            2.3e+02;
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US-09-657-472-2069/c
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US-09-081-385-40/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLIANCE AND APPLIANCE APPLIANCE AFFILING DATE: 06-NOV---
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Lander, Bric S.
APPLICANT: Cargill, Miche
                                                                                                                                                                                                                                    Sequence 2069, Application US/09657472 Patent No. 6727063
                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
              APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
PRIOR APPLICATION NUMBER: US 60/153,357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: MORRISON & FOERSTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94304-1018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
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                                                                                                                                                                                                                                                                                                                                                                                              1181 GAGAAAGAGAGAGAGA 1198
                                                                                                                                                                                                                                                                                                                                                                                                                                       17;
                                                                                                                                                                                                                                                                                                                                                           20 GAGAGAGAGAGAGAGA 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Similarity
                                                                                                                                                         Cargill, Michele
Ireland, James S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ς
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Application US/09081385
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Pred. No. 2.3e+02
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                                                                             IN GENES
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RESULT 126
US-09-644-398B-253/c
; Sequence 253, Application US/09544398B
; Patent No. 6770461
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OTHER INFORMATION: Oligonucleotide
US-08-700-530-3
                                                                                                                               밁
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US-08-700-530-4/c
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US-08-700-530-3
                                                                                                                                                                                                                                                                                                      US-08-700-530-4
                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Binding assay using binding agents with tail groups FILE REFERENCE: 0380-P01180US0
CURRENT APPLICATION UNMEER: U$9.08/700,530
CURRENT FILING DATE: 1995-10-23
PRIOR APPLICATION UNMEER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR PLILING DATE: 1995-03-10
PRIOR PLILING DATE: 1994-03-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:

APPLICANT: EXINS, Roger P
APPLICANT: EXINS, Binding assay using binding agents with tail groups
TITLE OF INVENTION: Binding assay using binding agents with tail groups
FILE REFERENCE: 0380-P01180US0
CURRENT PILING DATE: 1996-10-23
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR APPLICATION NUMBER: PCT/GB95/00521
PRIOR FILING DATE: 1995-03-10
PRIOR PILING DATE: 1995-03-10
PRIOR PILING DATE: 1994-03-11
NUMBER OF SEQ ID NOS: 4
COPTUADER: Descrito Ver 2 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 4, Application US/08700530
Patent No. 6316186
GENERAL INFORMATION:
APPLICANT: EKINS, ROGER P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local S
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LENGTH: 18
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                                                                                                                                                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH: 18
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Local Similarity 94.4%;
hes 17; Conservation
                                                                                                                                                                                                                                     Local
                                                                                                                                                     1180 AGAGAAAGAGAGAGAGAG 1197
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                                                                                                                                                                                                                                     Similarity
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                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                 94.48;
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Pred. No. 2e+02;
0; Mismatches
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                                                                                                                                                                                                               Score 16.4; DB 1; Length 18; Pred. No. 2e+02; Indels
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; ORGANISM: Homo sapiens
US-09-544-398B-253
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 253
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Patent No. 5
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APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
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Best Local Similarity
                                                                                                                                                                                                  APPLICATION NUMBER: US/07/940,242A
FILING DATE: 08-SEP-1992
CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 307296/91
FILING DATE: 09-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION UMBER: JP 093960/92
FILING DATE: 28-FEB-1992
APPLICATION UMBER: JP 093960/92
FILING DATE: 28-FEB-1992
APPLICATION TOMBER: JP 093960/92
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PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
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TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                  NAME: Weilacher, Robert G.
REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/87-48095
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 659-2811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: OKAMOTO, Hiroaki
                                            TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 20036
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             B: Beveridge, DeGrandi, Weilacher & Young
1850 M Street, N.W. (Suite 800)
                                               (202) 659-1462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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Pred. No. 2.
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RESULT 122
PCT-US91-03680-39/c
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                                                                                                                                                                                                                                                                                                                         TELEX: 706141
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 39, Application PC/TUS9103680 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUTABAIGE, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Matteucci
APPLICANT: Krawczyk,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                             PEATURE:
NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
TOPOLOGY: 1i1
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                 FEATURE:
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               NAME/KEY:
LOCATION:
                                                                                                                                           LOCATION: 7
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methyl.
                                                                                                                                                                                                                               LOCATION: 2..4
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
                                                                                                                                                                                                                                                               NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
                                                              OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE:
OTHER INFORMATION:
                                                                                                                                                                                                NAME/KEY:
                                                                                                                                                                                                                                                                                                                TOPOLOGY:
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                                modified_base
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78.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE-SPECIFIC NONPHOTOACTIVATED CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
/mod_base= OTHER
                                                              /mod_base= OTHER
/note= "5-methylcytosine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               158
                                                                                                                                                                                                                                                                                                                                                                                                39:
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Pred. No. 2.2e+02;
                                                                                                                                               "5-methylcytosine"
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CURRENT FILING DATE: 1997-06-30
FEARLIER APPLICATION NUMBER: 08/343,018
FEARLIER FILING DATE: 1994-11-21
FEARLIER APPLICATION NUMBER: 08/154,013
FEARLIER FILING DATE: 1993-11-16
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            S
                                                                                                                               US-08-885-126-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-885-126-12/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PCT-US91-03680-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 12, Applicate Patent No. 5955597
GENERAL INFORMATION:
                                                               Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                               SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: ARNOID, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: OLICOMERS
FILE REFERENCE: GENTA.020FW2
                                                                                                                                           FEATURE: OTHER INFORMATION: Chemically synthesized oligomer
                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                  TYPE: RNA
                                                                                                                                                                                                              LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: /note=
FEATURE:
NAME/KEY: modified_base
LOCATION: 13
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OTHER INFORMATION: OTHER INFORMATION:
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les 16; Conserv
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LOCATION:
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OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
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                                1180 AGAGAAAGAGAGAGAGAG 1197
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 AGAGAGAGAGAGAGAG
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/note= "N4,N4-ethanocytosine"
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
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                                                                              Score 16.4; DB 1; Length 18; Pred. No. 2e+02;
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Pred. No. 2.
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                                                                Mismatches
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                                                                Indels
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US-08-585-888-44
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Best Local Similarity
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                                                                                                                                                                                                                                                                                        Sequence 44, Application US/08585888 Patent No. 5874215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: KUIPER
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 JENERAL INFORMATION:
APPLICANT: Zalacain, Mac
APPLICANT: Brown, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FABTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/932,978
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
COMPUTER: IBM PC comm
                                                                                                                                                 APPLICANT: ZABEAU, Marc
APPLICANT: VOS, Pieter
TITLE OF INVENTION: APPLIFICATION OF SIMPLE SEQUENCE REPEATS
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Dickinson, Todd Q
REGISTRATION NUMBER: 28,354
REFERENCE/DOCKET NUMBER: GM0100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: NOVEL PHOH NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION: TELEPHONE: 215-994-2252
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                                                                                                   CITY: Alexandria
STATE: Virginia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
                                                                   COUNTRY: United ZIP: 22313-1404
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE
 OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 21 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             18;
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                                                                            Virginia
Y: United States
                                                                                                                                     E: BURNS, DOANE,
P.O. Box 1404
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
: Floppy disk
IBM PC compatible
YSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               single
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90.0%; Pred. No. 26
                                                                                                                                                                                                                                                      Martin T.R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
             TELEPAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: (
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
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TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/195,991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (703) 836-6620 TELEFAX: (703) 836-2021
                                                                                                     FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MCGOWAN, MALCOLM K.
REGISTRATION NUMBER: 39,300
REFERENCE/DOCKET NUMBER: 010830-097
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: AMPLIFICATION OF SIMPLE SEQUENCE REPEATS NUMBER OF SEQUENCES: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: KUIPER, Mari
APPLICANT: ZABEAU, Marc
APPLICANT: VOS, Pieter
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                       PRIOR APPLICATION DATA: 08/585,888
                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER: 1
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                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: United States
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CITY: Alexandria
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                                                                                        TELEPHONE:
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REGISTRATION NUMBER: 39,3
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: 23 base pairs
nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              KUIPER, Martin T.R.
ZABEAU, Marc
                                                                                        (703) 836-6620
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78.3%;
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Pred. No. 2.2e+02
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US-09-980-052-158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-066-325-29
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 158, Application US/09980052 Patent No. 6670130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: KR 10-1999-0019631
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019632
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019633
PRIOR FILING DATE: 1999-05-29
PRIOR APPLICATION NUMBER: KR 10-1999-0019634
PRIOR FILING DATE: 1999-05-29
PRIOR FILING DATE: 1999-05-29
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APPLICANT: KIM, Cheol Min
APPLICANT: PARK, Hee Kyung
TITLE OP INVENTION: Oligonucleotide for detection and identification of Mycobacteria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 243
SOFTWARE: Kopatentin 1.71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: KR 10-2000-0018189
PRIOR FILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/980,052
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENERAL INFORMATION:
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ATTORNEY/AGENT INFORMATION:
NAME: NO. 5667967tenburg Ph.D., Carol
REGISTRATION NUMBER: 39,317
REFERENCE/DOCKET NUMBER: 690068.408C1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: SEED and
                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                         CITY: Seattle
STATE: Washington
                                                                                                           FILING DATE: 2: CLASSIFICATION:
                                                                                                                            APPLICATION NUMBER: US/08/066,325 FILING DATE: 21-MAY-1993
                                                                                                                                                                                                                                                                                                        ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                          STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             193 CGTTGCCCACACCCCATCTC 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 CGTTTCCCACACCGCATCTC 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           I: Bernard, Claude
INVENTION: T-CELL RECEPTOR VARIABLE TRANSCRIPTS AS DISEASE RELATED MARKS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/08066325
                                                                                                                                                                                                                                                                                                                                                                                          6300 Columbia Center,
                                                                                                                                                                                                                                                                                                                              USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Oksenberg, Jorge
Bernard, Claude
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Steinman, Lawrence
                                                                                                                                                                                                                                                                                                                                                                                                               SEED and BERRY LLP
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Pred. No. 1
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                                                                                                                                                                                                                                                                                                                                                                                             701 Fifth Avenue
                                                                                                                                                                                             Version
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; MOLECULE TYPE: cDNA US-08-066-325-29
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                                                                                                                    US-08-753-147-31
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Best Local Similarity
Matches 18; Conserv
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                                                          Matches
                                                                                      Query Match
                                                                                                                                                                                                                                                                  TELEFAX: (206) 224 077
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                  ANTI-SENSE: NO ORIGINAL SOURCE: ORGANISM: Hom
                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/753,147
                                                                                                                                                                           HYPOTHETICAL:
                                                                                                                                                                                            MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Sheiness, Diana K.
REGISTRATION NUMBER: 35,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Detection of Mutations in the Human
                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                        Local
                                                                                                                                                                                                        LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Seattle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                 TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
                            3639 AATTGCTGAGATTGCAGAGG 3658
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                                                                        Similarity
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1420 5th Avenue
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nilarity 90.0%;
Conservative
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                                                        Conservative
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                                                                        Score 16.8;
Pred. No. 2e
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                                                           Mismatches
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                                                                         2e+02;
                                                                                      DB 1; Length 21;
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                                                          Gaps
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US-09-060-299-78
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                                                       US-09-060-299-78
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LENGTH: 20
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Query Match
Best Local Similarity
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                                                                                                                                           TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION UMBER: US 60/043,553
PILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
PRIOR APPLICATION NUMBER: US 60/048,740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OP INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4991
                                                                                                                                                                                                                                                    PILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTATION NUMBER: 36,663
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                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/OFFILING DATE: 15-APR-1998
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                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
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                                                                          TOPOLOGY:
                                                                                                                              ENGTH:
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6545137
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                                                                                                                            20 base pairs
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1100 No. 6545137th Glebe Road, Eighth Floor
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Hess, John W
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                                                                          linear
0.3%;
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Score 16.8; DB 1;
Pred. No. 1.9e+02;
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                   Length 20;
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LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 78:
US-09-402-923A-78
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Patent No. 6555654
GENERAL INFORMATION:
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                                                                      Matches
                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 621
TELECOMUNICATION INFORMATION:
TELEPHONE: (703)816-4991
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 78:
                                   3599 AGGCTAATCTCAAACTCCTG 3618
                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/402,923A FILING DATE: 14-Feb-2001 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TITLE OF INVENTION: No. 6555654el LDL-Receptor
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Hess, John W
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 1 AGGCTGGTCTCAAACTCCTG 20
                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
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STATE: Virginia
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                                                                      Conservative
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Merriman, Tony R
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Hammond, Holly
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                                                                                    0.3%; Score 16.8; DB 1
90.0%; Pred. No. 1.9e+02
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                                                                     0; Mismatches
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                                                                                                    Length 20;
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                                                                      Gaps
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RESULT 116 US-09-980-052-158/c

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RESULT 111
US-09-074-357-16
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                                                                                                                    ; MOLECULE TYPE: other nucleic acid US-09-074-357-16
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LENGTH: 22
                                                                                 Query Match
                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: GIOVANNANGELI,
APPLICANT: HELENE, CLAUDE
                                                                                                                                                                                                                   TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 22
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Poly A
OTHER INFORMATION: nucleotide sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 38,619
REFERENCE/DOCKET NUMBER: EX93022-US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                      FILING DATE: 27-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith Ph.D., Julie K.
REGISTRATION NUMBER: 38,619
                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FR 93-15798
FILING DATE: 29-DEC-1993
FRIOR APPLICATION DATA:
APPLICATION NUMBER: WO 94-01536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: GENE EXPRESSION CONTROL
                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/074,357 FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 500 ....
                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Match 0.3%;
Local Similarity 86.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                     LENGTH:
2560 GATGAGGGGGAGAGAGAGATGG 2581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5393 ААААААТАСАААААСАААА 5414
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19;
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                                                                0.3%;
Similarity 86.4%;
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                                                                                                                                                                                                     23 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Rhone-Poulenc Rorer Inc.
500 Arcola Rd. 3C43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GIOVANNANGELI, CARINE
                                                                                                                                                                                                                                                                       (610) 454-3839
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US/08/669,274
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                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 17.2; DB 1;
Pred. No. 1.8e+02;
                                                                   Score 17.2; DB 1; Length 23; Pred. No. 1.8e+02;
                                                                 1.8e+02;
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                                                Indels
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                                                                                                                           Sequence 85, Application US/09487445
Patent No. 6258600
                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                    Query Match 0.3%;
Best Local Similarity 86.4%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA

ZOUNTRY: USA

ZOUNTRY: USA

ZOUNTRY: OF THE COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

COMPUTER: IBM Compatible

COMPUTER: OF WINDOWS VERSION 2.

SOFTWARE: FASTSEQ FOR WINDOWS VERSION 2.

CURRENT APPLICATION NUMBER: US/08/465,343A

APPLICATION NUMBER: US/08/465,343A
                                    APPLICANT: Hong Zhang
APPLICANT: Lex M. Coweert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/395,674
PILING DATE: 28-FEB-1995
APPLICATION NUMBER: 08/152,904
PILING DATE: 15-NOV-1993
APPLICATION NUMBER: 07/840,426
CURRENT APPLICATION NUMBER: US/09/487,445
CURRENT FILING DATE: 2000-01-19
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                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: 617/542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 24-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Zhang, Xiaoping
TITLE OF INVENTION: FSF-1 AND THE EARLY DETECTION
TITLE OF INVENTION: OF FIBROSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 00:
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                                                                                                                                                                                                                                                                                  568 CTGAAGAAGGAGGAGCTGAAGG 589
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225 Franklin Street
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Prakash,
                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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Pred. No. 1.9e+02
                                                                                                                                                                                                                                                                                                                       Mismatches
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                                                           CASPASE
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                                                           EXPRESSION
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RESULT 109
US-08-950-196-19
; Sequence 19, Applica
; No. 6271369
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%; Score 17.2; Best Local Similarity 86.4%; Pred. No. 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/749,805
FILING DATE: 16-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/006,831
FILING DATE: 16-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: DOYLE LEARY Ph.D., KATHRYN
REGISTRATION NUMBER: 36,317
REFERENCE/DOCKET NUMBER: 9596-23U2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: KAZAZI
APPLICANT: BOEKE,
                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/847,844A
FILING DATE: 28-APR-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: PA
COUNTRY: U.S.A.
ZIP: 19103-7086
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS LENGTH: 22 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF TITLE OF INVENTION: MAMMALIAN RETROTRANSPOSONS NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                 APPLICANT: TORRENCE, PAUL
APPLICANT: ROBERT, SILVERMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: 1:
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-567-2020
TELEPAX: 215-567-2991
                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                      APPLICANT: KRYSTYNA, LESIAK
IITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
IITLE OF INVENTION: OF RNA
                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: OND CONTY: PHILADELPHIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
                                                          STREET:
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                           ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                       1 AAAAAAAAAAAAAAAAAAA 22
                Newport Beach
CA
                                                                                                                                                                                                                                                                                                Application US/08950196
                                                          E: Knobbe, Martens, Olson and Bear 620 Newport Center Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3: PANITCH SCHWARZE JACOBS & NADEL, P.C. ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND FL.
                                                                                                                                                                                            ROBERT, SILVER
RATAN, MAITRA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DOMBROSKI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          KAZAZIAN JR.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HAIG H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          9596-2302
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 22;
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GENERAL INFORMATION:

APPLICANT: KOHARA, MICHINORI

APPLICANT: KOHARA, KYOKO

APPLICANT: TAIRA, KAZUNARI

APPLICANT: TAIRA, KAZUNARI

APPLICANT: OHNORI, HIROSHI

TITLE OF INVENTION: A VECTOR EXPRESSING AN RNA VIRAL FULL-LENGTH GENE AND

TITLE OF INVENTION: ITS USE

FILE REFERENCE: 04853.0051-00000

CURRENT APPLICATION NUMBER: US/09/720,201A

CURRENT FILING DATE: 1908-06-24

PRIOR APPLICATION NUMBER: PCT/JP99/03381

PRIOR APPLICATION NUMBER: PCT/JP99/03381

PRIOR FILING DATE: 1999-06-24

NUMBER OF SEQ ID NOS: 25

SOFTWARE: Patentin Ver: 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 110
US-09-720-201A-25
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                                                                                                                                                                                                                                                                                                                                                            Sequence 25, Application US/09720201A Patent No. 6524853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.001QPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
TELEPAX: 714-760-9502
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: N
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US
FILING DATE: 10-OCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Pedrick, Michael F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FASTSEQ Version 1.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/950
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: 4
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: miscellaneous feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 1-4
OTHER INFORMATION: A is linked by 2',5'-linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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US-08-123-449A-19
                                                                                                                                  US-08-123-449A-19
                                                                               Query Match
Best Local Similarity
                                                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/123,449A
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/10103
APPLICATION ON THE PCT/US93/10103
APPLICATION PCT-1993
ATTORNEY/AGENT INFORMATION:
NAME: Pedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.0010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: TORREN
APPLICANT: ROBERT
                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 19: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS version
SOFTWARE: FastSeq Version 1.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                 DRIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: CI
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
                                                                                                                                                                                                                                                                                                                RAGMENT TYPE:
                                                                                                                                                LOCATION: 4
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                            NAME/KEY: miscellaneous feature
LOCATION: 1-4
COTHER INFORMATION: A is linked by 2',5'-linkage
                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 714-760-9502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Knobbe, Martens, Olson and STREET: 620 Newport Center Drive CITY: Newport Beach
                                                                                                                                                                                                NAME/KEY: miscellaneous feature
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                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
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                    5393 AAAAAATACAAAAAAGAAAAA 5414
                                                               19;
1 AAAAAAAAAAAAAAAAAA 22
                                                                                                                                                                                                                                                                                                                                                                                                nucleic acid
DEDNESS: single
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                                                              Conservative
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RATAN, MAITRA
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                                                               0; Mismatches
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                                                                               Score 17.2; DB 1
Pred. No. 1.8e+02
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                                                                                              DB 1; Length 22;
                                                               Indels
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RESULT 107 US-08-458-050-19

> RESULT 108 US-08-847-844A-94

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Sequence 94, Application US/08847844A Patent No. 6150160

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                                                                   Matches
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TELEPAX: 714-760-9502
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/123,449
FILING DATE: 17-SEP-1993
APPLICATION NUMBER: PCT/US93/10103
FILING DATE: 10-OCT-1993
ATTORNEY/ACENT INFORMATION:
NAME: Fedrick, Michael F.
REGISTRATION NUMBER: 36,799
REFERENCE/DOCKET NUMBER: NIH034.001QPC
                                                                                                                                                                                                                       OTHER INFORMATION: A is linked by 2',5'-linkage FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
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APPLICANT:
                                                                                                                                                                                                                                                                                                        FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                          HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 714-760-0404
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PastSeq Version 1.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/458. FILING DATE: 01-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson
STREET: 620 Newport Center Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES TITLE OF INVENTION: OF RNA NUMBER OF SEQUENCES: 22
                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
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                                                                 Local Similarity 86.4
                                                                                                                                                     OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                     NAME/KEY: miscellaneous feature LOCATION: 4
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OPERATING SYSTEM: DOS vei
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                                                                                                                                                                                                                                                          NAME/KEY: miscellaneous feature LOCATION: 1-4
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                               5393 AAAAAATACAAAAAGAAAA 5414
AAAAAAAAAAAAAAAAAA 22
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RATAN, MAITRA
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                                                               Score 17.2; DB 1; Length 22; Pred. No. 1.8e+02; 0; Mismatches 3; Indels
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                                           APPLICANT: Lerman, Michael I.
APPLICANT: Minna, John D.
APPLICANT: Latif, Farida
APPLICANT: Wei, Ming-Hui
APPLICANT: Sekido, Yoshitaka
APPLICANT: Gao, Boning
                                                                                                                                                                                                                                                                                                                                     Matches
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                                                                                                                                                                 Sequence 38, Application US/09470443 Patent No. 6441156
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Best Local Similarity
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Patent No. 5981185
                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Duh, Fuh-Mei
TITLE OF INVENTION: Calcium Channel Compositions and Methods
FILE REFERENCE: NIH-05043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: 1i
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. MUSETH
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: Windows 95
SOPTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caakey, C. T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: May 28 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Pasadena
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                                                                                                                                                                                                                                                                                          1180 AGAGAAAGAGAGAGAGAGA 1198
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   i: 20 base pairs
nucleic acid
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: May 28, 1997

ON: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                     Other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3.50 inch, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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Pred. No. 1
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CURRENT FILING DATE: 1999-12-22
EARLIER APPLICATION NUMBER: 60/11.
EARLIER FILING:DATE: 1998-12-30
NUMBER OF SEQ ID NOS: 114
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
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                                                                     US-08-817-384A-13
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              Query Match
Best Local S
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 Matches
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Best Local
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                                                                                                                                                      FILING DATE: 21-OCT-1994
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE: OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNBER: WO PCT/GB95/02467
FILING DATE: 19-OCT-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Microsoft Word CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: :
                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Method For Characterising Variability in TITLE OF INVENTION: Telomere DNA by PCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Duncan Martin BAII
APPLICANT: Alec John JEFFREY
APPLICANT: Nicola Jane ROYLE
                                                                                     STRANDEDNESS:
TOPOLOGY: lir
                                                                                                  LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/817,384A FILING DATE: 16-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: WASHINGTON
                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5074 CTGGTGGCCACAGCAGCCA 5092
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 Conservative
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                                                                                     linear
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                                                                                                                                                                                                                                              25-MAY-1995
                  0.3%;
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                                                                                                                                                                                                             GB 9421234.7
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                  Score 17.4; DB 1;
Pred. No. 1.7e+02;
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Pred. No. 1.5e+02
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Mismatches
                                Length 23;
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Sequence 23, App.
Sequence 23, App.
Sequence 23, App.
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAMB: Smith, Karen S.
REGISTRATION NUMBER: 31,426
REFERENCE/DOCKET NUMBER: A-57
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
                                                                                                                                                                                                                                         STREET: 611 ...
CITY: LOS Angeles
CTATE: CA
FILING DATE: 31-MAR-1994
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Meier, Paul H.
REGISTRATION NUMBER: 32,274
                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/223,355
                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/004,552
FILING DATE: 1930114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                   FITLE OF INVENTION: Oligonucle of invention: Therapies
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OLECULE TYPE: CDNA
                                                                                                                                                                                                                      STATE: CA
COUNTRY: US
ZIP: 90017
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OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY:
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                                                                                                                                                                                                                                                                                                                                                                                                   Arnold Jr., Lyle J.
Reynolds, Mark A.
Schwartz, David A.
Daily, William J.
                                                                                                                                                                                                                                                                                            611 W. Sixth St.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 base pairs
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biotinylated at 5'-end."
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Pred. No. 1.5e+02;
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                                             US-08-863-639A-72
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Best Local Similarity
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              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity Matches 18; Conserv
                                                                                                                                                TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO: 72:
                                                                                                                                                                                          CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH B. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 1185
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                         MOLECULE TYPE: Other nucleic acid
                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                SOPTWARE: Corel WordPerfect 8
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,
PILLORIE: MAY 28, 1997
CTARCTERICATION.
                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
APPLICANT: Caskey, C. T.
OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 213/489-1600
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                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 22.
                                                                                    TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM compatible
OPERATING SYSTEM: Window
                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U
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OTHER INFORMATION:
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STRANDEDNESS:
                                                                                                                                                                            TELEPHONE:
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DEDNESS: single
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225 South Lake Avenue, 9th Floor
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                                                                                                                   20 base pairs
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                                                                                    single
0.3%;
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Score 17.4; DB 1;
Pred. No. 1.5e+02;
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Pred. No. 1.
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              Length 20;
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APPLICATION NUMBER: US 60/236,359

FILING DATE:

APPLICATION NUMBER:

24263.6

2000-05-26

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US-09-866-108A-13290
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Best Local Similarity
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SEQ ID NO 13290
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 13292, Application US/09866108A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                PRIOR
                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH:
                                                                                                                                                                OR APPLICATION NUMBER: GB 24263.6
OR FILING DATE: 2000-10-04
OR APPLICATION NUMBER: US 60/236,359
OR FILING DATE: 2000-09-27
OR APPLICATION NUMBER: PCT/US01/00666
OR APPLICATION NUMBER: PCT/US01/00667
OR APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     R FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
                                                                                                  FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US01/00664 PILING DATE: 2001-01-30
                                         APPLICATION NUMBER: PCT/US01/00665
                                                           APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               RANK, David R. CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PENN, Sharron G. HANZEL, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2000-09-27
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Pred. No. 1.7e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                         HUMAN HEART AND MUSCLE
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; OTHER INFORMATION: upstream amplification primer 99-7311 for US-09-422-978-5847
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US-09-422-978-5847/c
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US-09-866-108A-13292
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 13292
                                                                                                                                                                                       Sequence 1, Applic
Patent No. 5482836
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SEQ ID NO 5847
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Best Local &
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Best Local &
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                        GENERAL INFORMATION:
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TYPE: DNA
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                                                                                    APPLICANT: Ito, Take
APPLICANT: Smith, Ca
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
NAME/KEY: primer_bind
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ORGANISM: Homo Sapiens
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                                                 CORRESPONDENCE ADDRESS:
                                                                   NUMBER OF SEQUENCES:
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San Francisco
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                                                                              Cantor, Charles R.
Ito, Takashi
Smith, Cassandra L.
SWITION: DNA PURIFICATION BY TRIPLEX-AFFINITY
VENTION: CAPTURE AND AFFINITY CAPTURE ELECTRON
                3: Karen S. Smith
4 Embarcadero Cen
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Pred. No. 1.7e+02
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Pred. No. 1.
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US-09-866-108A-12949
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US-09-866-108A-4832
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 4832
LENGTH: 25
                                                                                                                                                                                                                            Patent No. 6686:
SEQ ID NO 12949
LENGTH: 25
                                                                                Matches
                                                                                                                       Query Match
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Best Local Similarity
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ACOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                           SOFTWARE: Aeomica Sequence Listing Engine
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
                                                                                                                                                                                                                                                                                                                 Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                                             TYPE: DNA
                                                                                                  Local
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APPLICATION NUMBER: PCT/US01/00668
APPLING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US01/00665
                     2112 GATGCAGCAGATGAAGCGGAAGGA 2135
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                                                                                                    Similarity
GATGAAGCAGATGCACCAGAAGGA 25
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Pred. No. 1.
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Pred. No. 1
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PLIING DATE: 2000-05-26
PRIOR PLIING DATE: 2000-10-04
PRIOR PLIING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: DATE: 000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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SEQ ID NO 12950
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Best Local
                                                            APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                     APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
                    CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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PRIOR FILING DATE: 2001-01-30
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ORGANISM: Homo sapiens
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PENN, Sharron G.
HANZEL, David K.
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NUMBER: US 60/207,456
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Pred. No. 1
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RESULT 92
US-09-827-998-1154
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US-09-866-108A-4831
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US-09-827-998-1154
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US-09-827-998-1152
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SEQ ID NO 1152
LENGTH: 25
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Patent No. 6656700
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Best Local Similarity 83.3%;
Matches 20; Conservative
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
TILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT PILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: MDhMORF-8
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TYPE: DNA
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Similarity 83.3%;
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Pred. No. 1.7e
0; Mismatches
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Patent No. 6686188

SEQ ID NO 4831

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens
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Best Local
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APPLICANT: GU, Yizhong
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Patent No. 6686188
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APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION 2001-01-30
PTI-ING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSCIB-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: PCT/US01/00667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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                                                                              APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00665
                                        APPLICATION NUMBER: PCT/US01/00668
                                                            FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00669
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                 FILING DATE:
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NUMBER: PCT/US01/00663
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Pred. No. 1.7e+02;
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RESULT 89
US-08-113-646A-42
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PRIOR FILING DATE: 2000-08-04
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.2
SEQ ID NO 9
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 42, Application US/08113646A Patent No. 5578468
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: PICKUP,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Heim, Manuel
APPLICANT: Hunziker, Willi
APPLICANT: Weber, Peter
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                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: PATEL, Dhavalkumar
APPLICANT: ANTCZAK, James B.
TITLE OF INVENTION: SITE-SPECIFIC RNA CLEAVAGE
NUMBER OF SEQUENCES: 44
                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                              STATE: VIRGINIA
                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                         COUNTRY: U.S.A. ZIP: 22201-4714
                                                                                                                                                                                                                                                                                                              CITY: ARLINGTON
                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: NIXON & VANDERHYE P.C. STREET: 1100 NORTH GLEBE ROAD
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PICKUP, David J. PATEL, Dhavalkumar
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Pred. No. 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
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US-09-398-193-103/c
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                                                                                                                                                                          US-09-827-998-1152
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                                                                                                                                                                                           RESULT 91
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Sequence 1152, Application US/09827998

Patent No. 6656700

GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN
FILL REFERENCE: MDHNORF-8

CURRENT APPLICATION NUMBER: US/09/827,998

CURRENT FILING DATE: 2001-04-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/398,193
CURRENT FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 103
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Medical Research Council
TITLE OF INVENTION: Adenylate cyclase and uses therefor
FILE REFERENCE: P24360-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 103, Application US/09398193 Patent No. 6197581
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TELEX: 200797 NIXN UR
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 07/
FILING DATE: 10-AUG-1987
ATTORNEY/AGENT INFORMATION:
NAME: WILSON, MARY J.
REGISTRATION NUMBER: 32,95
REFERENCE/DOCKET NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                       Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/0 FILING DATE: 31-AUG-1993
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(703) 816-4100
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83.3%;
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Pred. No. 1.7e+02
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Sequence 28, Application US/08577788C
Patent No. 6613544
GENERAL INFORMATION:
APPLICANT: Boyle, William
APPLICANT: Lacey, David
APPLICANT: Calzone, Frank
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
FILE REFERENCE: A-378 Rev
CURRENT APPLICATION MUMBER: US/08/577,788C
CURRENT FILING DATE: 1995-12-22
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US-08-706-945D-21
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Best Local Similarity 83.3%;
Matches 20; Conservative
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Boyle, William
APPLICANT: Lacey, David
APPLICANT: Calzone, Frank
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
FILE REFERENCE: A-378CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Synthetic Oligonucleotide
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/577,788
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DEDNESS: single
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Pred. No. 1.6e
0; Mismatches
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Pred. No. 1.6e+02;
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GENERAL INFORMATION:

APPLICANT: Vaisberg, Bugeni

APPLICANT: Adams, Cynthia

APPLICANT: Sabry, James

APPLICANT: Sabry, James

INTER OF INVENTION: Database system including computer code

ITILE OF INVENTION: for predictive cellular bioinformatics

FILE REFERENCE: CytoP007C2

CURRENT APPLICATION NUMBER: US/09/721,154

CURRENT APPLICATION NUMBER: 09/311,996

PRIOR APPLICATION NUMBER: 09/311,996

PRIOR APPLICATION LIMBER: 09/311,996
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SOFTWARE: Patentin version 3.1
SEQ ID NO 28
LENGTH: 24
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-08-577-788C-28
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US-09-721-154-1/c
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              NUMBER OF SEQ ID NOS: 14
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 14
SOFTWARE: FRANCSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 24
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                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/09721154
Patent No. 6651008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                            -09-721-154-2/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Database system including computer code TITLE OF INVENTION: for predictive cellular bioinformatics FILE REFERENCE: CytoP007C2 CURRENT APPLICATION NUMBER: US/09/721,154 CURRENT FILING DATE: 2002-06-14 PRIOR APPLICATION NUMBER: 09/311,996 PRIOR FILING DATE: 1999-05-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Vaisberg, Eugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Psuedo-sequence
TYPE: DNA
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Pred. No. 1.6e+02
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Pred. No. 1.6e+02;
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ATTORNEY/AGENT INFORMATION:
RAPE: Winter, Robert B.
REFERENCE/DOCKST NUMBER: A
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: TYPE: CDNA
MOLECULE TYPE: CDNA
US-08-795-447A-28
RESULT 82
US-08-974-186-28
; Sequence 28, Application US/08974186
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US-08-795-447A-28
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Matches
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                                                                                                                                                               Query Match
Best Local Similarity
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GENERAL INFORMATION:
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REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: Osteoprotegerin
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ATTORNEY/AGENT INFORMATION:
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nes 20; Conservative
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TOPOLOGY: linear
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CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/795,447A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH: 24 base pairs
                                                                                                       4663 CAGATGCGGAAGCTGTTCAGCTTG 4686
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                                                                                   CAGATCCTGAAGCTGCTCAGTTTG 24
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Lacey, David L.
Calzone, Frank J.
                                                                                                                                                 Conservative
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Pred. No. 1.6e+02;
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Pred. No. 1.
                                                                                                                                                 Mismatches
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                                                                                                                                                                .6e+02
                                                                                                                                                                               DB 1;
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RESULT 83
US-08-795-446B-28
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US-08-974-186-28
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Best Local Similarity 83.3%;
Matches 20; Conservative
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REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO:
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APPLICANT: Boyle,
APPLICANT: Lacey,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION: APPLICANT: Boyle,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM Foompatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                              ZIE: 91320-1789

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FORM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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LENGTH: 24 base pairs
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
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CITY: Thousand Oaks
STATE: California
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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CITY: Thousand Oaks
STATE: California
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                  COUNTRY:
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Chang, Ming-Shi
Chang, Ming-Shi
Chang, Ming-Shi
Chang, Ming-Shi
Chang, Ming-Shi
Chang, Francisco Chang, Ming-Shi
Chang, M
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1840 Dehavilland Drive
                                                                                                                                                                                                                                                                                         USA
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Lacey, David L.
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US/08/795,446B
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Pred. No. 1.6e+02
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US-08-974-022-28
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Best Local Similarity 90.5
19; Conservative
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LENGTH: 24
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 6
LENGTH: 24
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/09487130
Patent No. 6362322
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED
TITLE OF INVENTION: DUPLEX
TITLE OF INVENTION: DUPLEX
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CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
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SOFTWARE: PatentIn Ver. 2.1
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PRIOR FILING DATE: 1999-07-20
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APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED
TITLE OF INVENTION: DUPLEX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver. 2.1
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                                                                                              Application US/08974022
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Pred. No. 1.5e+02
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Best Local (
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NAME: Winter, Robert B.
REFERENCE/DOCKET NUMBER:
INFORMATION FOR SEQ ID NO: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
COPTULDE: PC-TO-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-100-0-
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
CLASSIFICATION: PRIOR APPLICATION NUMBER:
                                                                                                                                                                                          SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehavilland Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Calzone, Frank J.
APPLICANT: Chang, Ming-Shi
TITLE OF INVENTION: OSTEOPROTEGERIN
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: 1
MOLECULE TYPE:
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Boyle, APPLICANT: Lacey,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Thousand Oaks
STATE: California
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STREET:: 1840 Dehavilland
CITY: Thousand Oaks
STATE: California
                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/0 FILING DATE: 12-DEC-1995
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ZIP: 91320-1789
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Lacey, David L.
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   08/577,788
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Pred. No. 1.6e+02;
0; Mismatches 4
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Gaps

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FILE REPERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
PEA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED
TITLE OF INVENTION: DUPLEX
FILE REFERENCE: 91556/66385CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/09487130 Patent No. 6362322 GENERAL INFORMATION:
                                                                                                                                      Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 17
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 2
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/09487130 Patent No. 6362322
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Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED TITLE OF INVENTION: DUPLEX
                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: nucleic acid
                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: nucleic acid
                                                                                                                                   Local
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1180 AGAGAAAGAGAGAGAGAGAAA 1200
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ilarity 90.5%;
Conservative
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Pred. No. 1.5e
0; Mismatches
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                                                                                                    Score 17.8; DB 1;
Pred. No. 1.5e+02;
0; Mismatches 2;
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0; Mismatches
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                                                                                                                                                                  Length 24;
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; OTHER INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: nucleic acid US-09-487-130-3
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US-09-487-130-3/c
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                                                                                                                                                                                                                                                             PILE REFERENCE: 91556/66385CIP
CURRENT APPLICATION NUMBER: US/09/487,130
CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
NUMBER OF SEQ ID NOS: 17
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 4, Application US/09487130 Patent No. 6362322 GENERAL INFORMATION:
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APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEM, GIHAN M.
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
                                                                     Matches
                                                                                    Query Match
Best Local Similarity
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CURRENT FILING DATE: 2000-01-19
PRIOR APPLICATION NUMBER: 09/357,424
PRIOR FILING DATE: 1999-07-20
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: GRAY, DONALD M.
APPLICANT: HASHEM, GIHAN M.
TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED TITLE OF INVENTION: DUPLEX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 91556/66385CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: CONVERSION OF A WATSON-CRICK DNA TO A HOOGSTEEN-PAIRED TITLE OF INVENTION: DUPLEX
                                                                                                                                                                                                                              TYPE: RNA
                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: synthetic OTHER INFORMATION: nucleic acid
                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                  LENGTH: 24
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les 19; Conserv
                               1180 AGAGAAAGAGAGAGAGAAA 1200
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                                                                     Conservative
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                                                                                      Score 17.8; DB 1
Pred. No. 1.5e+02
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Pred. No. 1.
                                                                     Mismatches
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RESULT 77 US-09-487-130-5

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SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 8
LENGTH: 24
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-235-614-9/c
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US-09-235-614-8
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US-09-235-614-8
                                                                     SOFTWARE: P
SEQ ID NO 9
LENGTH: 24
                                                                                                                                                                                                                                                                                                            Sequence 9, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
APPLICANT: GRAY, DONALD M.
APPLICANT: CLARK, CHRISTOPHER L.
APPLICANT: CLARK, CHRISTOPHER L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 8, Application US/09235614
Patent No. 6183966
GENERAL INFORMATION:
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CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
                                                                                                                                                                                                                                                            TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING FILE REFERENCE: 91556/66384
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 08/
PRIOR FILING DATE: 1994-10-07
NUMBER OF SEQ ID NOS: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: GRAY, DONALD M.

APPLICANT: CLARK, CHRISTOPHER L.

TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING TITLE OF INVENTION: SQUENCES FOR ANTISENSE TARGETING
                                                                                                                                               PRIOR APPLICATION NUMBER: 08/320,507
PRIOR FILING DATE: 1994-10-07
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                                                                                                                              NUMBER OF SEQ ID NOS:
                   ORGANISM: Artificial Sequence FEATURE:
                                                      TYPE: DNA
OTHER INFORMATION: Description of Artificial Sequence: Hybrid DNA
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STRANDEDNESS: single
TOPOLOGY: linear
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Similarity 90.5%;
19; Conservative
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                                                                                                            PatentIn Ver. 2.1
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Pred. No. 1.5e
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Pred. No. 1.
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                                    ; OTHER INFORMATION: Description of Artificial Sequence: Hybrid US-09-235-614-11
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                                                                                                                              SOFTWARE: P
SEQ ID NO 11
LENGTH: 24
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Patent No. 6183966
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Best Local Similarity
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Best Local Similarity
Query Match
                                                                                                                                                                                                                       PILE REFERENCE: 91556/66384
CURRENT APPLICATION NUMBER: US/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR APPLICATION NUMBER: 08/320,507
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CURRENT APPLICATION NUMBER: U9/09/235,614
CURRENT FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 08/808,474
PRIOR FILING DATE: 1997-03-03
PRIOR FILING DATE: 1997-03-03
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APPLICANT: CLARK, CHRISTOPHER L.

TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
                                                                                                                                                                                                                                                                                                                  APPLICANT: GRAY, DONALD M.
APPLICANT: CLARK, CHRISTOPHER L.
TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING
TITLE OF INVENTION: SEQUENCES FOR ANTISENSE TARGETING
FILE REFERENCE: 91556/66384
                                                                                                                                                                                      PRIOR FILING DATE: 19
NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                           FEATURE:
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Pred. No. 1.5e+02
   Score 17.8;
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Pred. No. 1.
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RESULT 67
US-08-808-474A-10/c
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US-08-808-474A-9/c
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PATERIC NO. JOYANDER PARENTION:
GENERAL INFORMATION:
APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: FOR ANTISENSE TARGETING
TITLE OF INVENTION: FOR ANTISENSE TARGETING
TITLE OF SROUENCES: 37
                                                                                                                                               Sequence 10, Application US/08808474A Patent No. 5856103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9, Application US/08808474A Patent No. 5856103
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Best Local Similarity 90.5%;
                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDAL:001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (214) 740-8000
TELEPAX: (214) 740-8800
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 22. STREET: Dallas CITY: Dallas Texas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Gray, Donald M. APPLICANT: Clark, Chris L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (214) 740-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMMER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES TITLE OF INVENTION: FOR ANTISENSE TARGETING
                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                             1180 AGAGAAAGAGAGAGAGAAA 1200
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                                                                                                                                                                                                                                                                                                                                              h 0.3%; Score 17.8; DB 1; Length 24; Similarity 90.5%; Pred. No. 1.5e+02; 19; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                       AGAGAGAGAGAGAGAGAGA 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 17.8;
Pred. No. 1
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COUNTRY: USA
ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: US/OS/MS-DOS
OPERATION SYSTEM: US/OS/OS/MS-DOS
OPERATION SYSTEM: US/OS/OS/OS/OS/OS/OS/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-808-474A-11
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (214) 740-8800 INFORMATION FOR SEQ ID NO:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
FILING DATE: 03-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REGISTRATION NUMBER: 33,732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Gray, Donald M.
APPLICANT: Clark, Chris L.
TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
TITLE OF INVENTION: FOR ANTISENSE TARGETING
NUMBER OF SEQUENCES: 37
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LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (214) 740-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Dallas
STATE: Texas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 2200
CITY: Dallas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTDAL:001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1180 AGAGAAAGAGAGAGAGAAA 1200
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Pred. No. 1.5e+02;
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CURRENT APPLICATION DATA:

APPLICATION NUMBER:

PILING DATE: 19 CLASSIFICATION:

19910524

PCT/US91/03680

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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPB: NUCLEIC ACID
TYPB: NUCLEIC ACID
                                                                                 Best
                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                PEATURE:
NAME/KEY: modified_base
LOCATION: 13
OTHER INFORMATION: /mod k
OTHER INFORMATION: /note:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                             NAME/KEY: modified LOCATION: 21 OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: modified LOCATION: 7
OTHER INFORMATION: OTHER INFORMATION:
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LOCATION: 2..4
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
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LOCATION: 17
OTHER INFORMATION: /mod_
OTHER INFORMATION: /note
                                                                                                                                                                                                                                                                                                          NAME/KEY: modified_base
LOCATION
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 9
OTHER INFORMATION:
OTHER INFORMATION:
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LOCATION: /mod_base= OTHER
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
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                                                                              Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPOLOGY: linear
                              1182 AGAAAGAGAGAGAGAA 1199
22
                                                                              Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           modified_base
                                                                                                                                                                                             modified_base
                                                        0.3%; 5--
100.0%; Pr/
0;
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
                                                                                                                                           /mod_base= OTHER
/note= "5-methylcytosine"
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/note= "5-methylcytosine"
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/note= "5-methylcytosine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mod_base= OTHER
/note= "5-methyl
                                                             Score 18; DB 1; L; Pred. No. 1.2e+02; 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                            "5-methylcytosine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "5-methylcytosine"
                                                                                             Length 22;
                                                               Indels
                                                               0
                                                               Gaps
                                                               0
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GENERAL INFORMATION:
APPLICANT: Bellacosa, Alfonso
TITLE OF INVENTION: Wethods for Detection of Transition
TITLE OF INVENTION: Single-Nucleotide Polymorphisns
FILE REFERENCE: FCCC 96-21
CURRENT APPLICATION NUMBER: US/09/629,222A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: 09/463,891
PRIOR PILING DATE: 10900-01-28
PRIOR FILING DATE: 10900-07-28
PRIOR APPLICATION NUMBER: PCT/US98/15828
PRIOR FILING DATE: 1998-07-28
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                                                                   APPLICATE

PILING DATE: 03-MAK-II

ATTORNEY/AGENT INFORMATION:

NAME: Mayfield, Denise L.

REGISTRATION NUMBER: 33,732

REFERENCE/DOCKET NUMBER: UTDAL:001

TELECOMMUNICATION INFORMATION:

""TREHONE: (214) 740-8800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 16
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 8, Application US/08808474A Patent No. 5856103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 16, App. Patent No. 65997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Gray,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/053,936 PRIOR FILING DATE: 1997-07-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                    TELEFAX: (214) 740-8800 INFORMATION FOR SEQ ID NO: 8: SEQUENCE CHARACTERISTICS: LENGTH: 24 base pairs
                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 75201-6776
ZIP: 75201-6776
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPETWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,474A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Locke Purnell Rain Harrell
STREET: 2200 Ross Avenue, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES TITLE OF INVENTION: FOR ANTISENSE TARGETING NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Gray, Donald M. APPLICANT: Clark, Chris L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADun
STREET: L
TTY: Dallas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1415 GAAGCTGGCCTGATTATGTGG 1435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GAAGCTGACCTGATAATGTGG 21
nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               90.5%;
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Pred. No: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.3e+02
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AAAAAAAAAAAAAAAAAAAAA 3

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PRIOR APPLICATION NUMBER: 2001-08-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
PRIOR PILING DATE: EARLIER FILING DATE: 2000-03-09
PRIOR PILING DATE: EARLIER FILING DATE: 2000-03-09
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR PILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR PILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 39
LENGTH: 26
TYPE: DNA
TYPE: DNA
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US-09-658-077-1/c
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                                                                              US-09-658-077-1
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                                                                                                                                                      SOFTWARE: P
SEQ ID NO 1
LENGTH: 26
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Ju, Jin
APPLICANT: et al.
                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/09658077 Patent No. 6627748
                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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                                                                                                                                                                                                                            TITLE OF INVENTION: Combinatorial Fluoresence Energy Transfer Tags And TITLE OF INVENTION: Their Applications for Multiplex Genetic Analyses FILE REFERENCE: 0575/62238/JPADM CURRENT APPLICATION NUMBER: US/09/658,077
CURRENT FILING DATE: 2000-09-11
NUMBER OF SEQ ID NOS: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
FILE REFERENCE: 99-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                            ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence: scaffold
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Oligonucleotide primer ZC7764b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5393 AAAAAAATACAAAAAAGAAAAAA 5415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25
                                                                                                                                                                                                                PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sprecher, Cindy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Nelson, Andrew J.
Dillon, Stacey R.
Hammond, Angela K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Foster, Donald C.
Holly, Richard D.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
  Conservative
                                                                                                                                                                                                                                                                                                                                                                   Jingyue
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                0.3%;
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Pred. No. 1.3e+02;
0; Mismatches 3
0;
                Score 18.2; DB 1;
Pred. No. 1.3e+02;
  Mismatches
                                    DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                  Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 26;
  Indels
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0;
Gaps
0
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RESULT 63
PCT-US91-03680-36/c
; Sequence 36 Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC
; TITLE OF INVENTION: CROSSLINKING AGE
; TITLE OF INVENTION: DUPLEX DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     밁
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US-10-295-723-39
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CURRENT APPLICATION NUMBER: US/10/295,723
CURRENT FILING DATE: 2002-11-15
PRIOR APPLICATION NUMBER: 09/522,217
PRIOR PELING DATE: 2000-03-09
PRIOR PELING DATE: 1999-03-09
PRIOR PILING DATE: 1999-03-09
PRIOR PILING DATE: 1999-03-01
PRIOR PILING DATE: 1999-03-11
PRIOR PILING DATE: 1999-03-11
PRIOR PILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: US 60/123,904
PRIOR PILING DATE: 1999-03-11
PRIOR PILING DATE: 1999-03-11
PRIOR PILING DATE: 1999-03-11
PRIOR PILING DATE: 1999-03-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOPTWARE: FastSEQ for Windows Version
SEQ ID NO 39
LENGTH: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 39, Application US/1029572
Patent No. 6686178
GENERAL INFORMATION:
APPLICANT: No. 6686178ak, Julia E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                      STATE: C
                                                                                                                                         STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
SOFTWARE:
                                                                                                                                                                                                         ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5393 AAAAAAATACAAAAAAGAAAAAA 5415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5393 AAAAAAATACAAAAAAAGAAAAAA 5415
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Holly, Richard D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sprecher, Cindy A.
                                                                                                                          USA
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PatentIn Release #1.0,
                                                                                                                                                                                                         Morrison & Foerster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Jane A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.3%;
                                                                                                                                                                                                                                                                   SEQUENCE-SPECIFIC NONPHOTOACTIVATED CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE DUPLEX DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US/10295723
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Pred. No. 1.
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Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.3e+02;
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                                                                                                                                                                                                                   APPLICANT: No. 6307024ak, Julia B
APPLICANT: Presnell, Scott R.
APPLICANT: Sprecher, Cindy A.
APPLICANT: Foster, Donald C.
APPLICANT: Holly, Richard D.
APPLICANT: Gross, Jane A.
APPLICANT: Johnston, Janet V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 39, Application US/09522217 Patent No. 6307024
                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                           APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAll LIGAND
              PILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/09/522,217
CURRENT FILING DATE: 2000-03-09
EARLIER APPLICATION NUMBER: US 60/123,547
EARLIER FILING DATE: 1999-03-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (626) 571-9813
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
ARLIER APPLICATION NUMBER: US 60/123,904
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/197,951
FILING DATE: 20-No. 619754-1998
CLASSIFICATION: <UNKnown>
ATTORNEY/AGENT INFORMATION:
NAME: Chan, Raymond Y.C.
REGISTRATION NUMBER: 37,484
REGISTRATION NUMBER: USP8462A-SL(3)
TELEPONMINICATION INFORMATION:
TELEPHONE: (626) 571-9812
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOPTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              5393 AAAAAAATACAAAAAAAGAAAAAA 5415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: David & Raymond Patent Firm
STREET: 108 N. Ynez Ave., Suite 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: LIN, SHI-LUNG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20;
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: CA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 91754
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Library from Single Cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                YING,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-593-312-2/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 59
                                                                   US-09-593-312-2
               Query Match
Best Local S
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Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EARLIER APPLICATION NUMBER: US 60/142,013
EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 39
LENGTH: 26
   Matches
                                                                                INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYB: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: BOTTEREY, SCOTT R
REGISTRATION NUMBER: 34,298
REFERENCE/DOCKET NUMBER: 4294
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-638-6245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PastSEQ for Windows Version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/593 217
                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: PE Applied Biosystems
STREET: 850 Lincoln Centre Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Chiesa, Claudia
APPLICANT: Fry, George
TITLE OF INVENTION: Multiplex Polynucleotide Capture
TITLE OF INVENTION: Methods and Compositions
                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Foster City
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            h 0.3%; Score 18.2; DB 1; Similarity 87.0%; Pred. No. 1.3e+02;
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ilarity 87.0%;
Conservative
   Conservative
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0; Mismatches
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Pred. No. 1.3e+02;
                               Length 26;
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US-08-621-914A-3/c
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Matches
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Patent No. 5707807
GENERAL INFORMATION:
APPLICANT: KATO, KIKUYA
TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
TITLE OF INVENTION: ANALYSIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
              TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
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NAME: LAWRENCE III, STANTON T.
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPAX: (212) 869-9741
                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSE: PENNIE & EDMONDS
STREET: 1155 AVENUE OF THE AMERICAS
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
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Local Similarity 87.0%;
hes 20; Conservation
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                                                                            TELEPHONE: (214) 869-9741
                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 26-MAR CLASSIFICATION: 435
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TOPOLOGY: unknown
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nucleic acid
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RESULT 57
US-09-197-951-5/c
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                                                                                                                             Matches 20;
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                                                                                                                                           Best Local Similarity
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OPERATING SYSTEM: DOS
SOFTMARE: FESTEM: DOS
SOFTMARE: FESTEM: GOT WINDOWS VERSION 2.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/873,437
FILING DATE: 12-JUN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/027,832
                                                                                                                                                                                                                                                                                           TELEFAX: 415-638-6071
INFORMATION FOR SEQ ID NO: 2:
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APPLICANT: O'Neil
                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 34,298
REFERENCE/DOCKET NUMBER: 429
TELECOMMUNICATION INFORMATION:
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TOPOLOGY: unknown
MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
NAME: Bortner, Scott R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Fry, George
TITLE OF INVENTION: Multiplex Polynucleotide Capture
TITLE OF INVENTION: Methods and Compositions
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                        LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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CITY: Foster City
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                                                                                                                                                                                                              TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: UZIP: 94404
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                                                                                   5393 AAAAAAATACAAAAAAAGAAAAAA 5415
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850 Lincoln Centre Drive
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                                                                                                                               Conservative
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04-OCT-1996
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                                                                                                                             0; Mismatches
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Pred. No. 1.
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Pred. No. 1.3e+02;
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Sequence 5, Application US/09197951
Patent No. 6197554
GENERAL INFORMATION:

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                                                                                                                               ; OTHER INFORMATION: Capture probe sequence
US-09-282-734-23
                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-282-734-23/c
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                                                             Best Loc
Matches
                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/282,734A CURRENT FILING DATE: 1999-03-03 EARLIER APPLICATION NUMBER: 60/080,686 EARLIER FILING DATE: 1998-04-03 NUMBER OF SEQ ID NOS: 29 SOFTWARE: FBSTSEQ for Windows Version 3.0 SEQ ID NO 23 LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 5

LENGTH: 25

TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Robert G. Kuimelis et al.
TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
FILE REFERENCE: 50036/009002
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Best Local Similarity
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Best Local
                                                                                           Query Match
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Patent No. 6537749
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CURRENT APPLICATION NUMBER: US/09/183,619
CURRENT FILING DATE: 1998-10-30
EARLIER APPLICATION NUMBER: 08/735,381
EARLIER FILING DATE: 1996-10-21
NUMBER OF SEQ ID NOS: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: ACH, ROBERT A.
APPLICANT: TROLL, MARK A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: DELLINGER, DOUGLAS J
APPLICANT: DAHM, SUBANN C.
APPLICANT: ILSLEY, DIANE D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENERAL INFORMATION:
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                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                             Local Similarity
nes 20; Conserv
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                                                                           Score 18.2;
Pred. No. 1.
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Pred. No. 1.3e+02
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Pred. No. 1.3e+02
                                                               Mismatches
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PCT-US94-14096-2/c
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                                                                                                                                                                    Sequence 2, Application US/08621914A
Patent No. 5707807
                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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GENERAL INFORMATION:
                                                                                                       GENERAL INFORMATION:
APPLICANT: KATO, KIKUYA
TITLE OF INVENTION: MOLE
TITLE OF INVENTION: AVAI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
                                        NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 AVENUE OF THE AMERICAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORIGINAL SOURCE:
ORGANISM: Equi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: AUGRBACH, JEFFRRY I
REGISTRATION NUMBER: 32,61
                                                                                                                                                                                                                                                                                                                                                                                                                   IMMEDIATE SOURCE:
CLONE: Biotin-T25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHOD FOR THE IMMOBILIZATION OF NUCLEIC TITLE OF INVENTION: ACID MOLECULES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1299 PENICITY: WASHINGTON
               CITY: NEW YORK
STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LECULE TYPE:
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                                                                                                                                                                                                                                                                                            5393 AAAAAAATACAAAAAAGAAAAAA 5415
                                                                                                                                                                                                                                                                        25 ААЛААЛАЛАЛАЛАЛАЛАЛАЛА 3
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USA
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                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                           ANALYSIS
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Pred. No. 1.3e+02
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US-08-460-130-2/c
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Best Local S
Matches 20
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Patent No. 5734020
GENERAL INFORMATION:
GENERAL INFORMATION: Wong
TITLE OF INVENTION: Production and Use
TITLE OF INVENTION: of Magnetic Porous Inorganic Materials
NUMBER OF SEQUENCES: 2
SOPTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,130
FILING DATE: 2 June 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/307,307
FILING DATE: 16 September 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (202) 383-6610 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: AUERBACH, JEFFREY I
REGISTRATION NUMBER: 32,680
REFERENCE/DOCKET NUMBER: 639-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 383-7451
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Equus caballus
                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3M Double Density
MEDIUM TYPE: 5 1/4" diskette
COMPUTER: Wang PC
OPERATING SYSTEM: MS DOS Version
OPERATING SYSTEM: 3.20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Equus caballus
IMMEDIATE SOURCE:
CLONE: Biotin-T25
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/341,148
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEB: CPG, Inc.
                                                                                                                                                                                                                                                                                                                                       ADDRESSEB: CPG, Inc.
STREET: 3 Borinski Road
CITY: Lincoln Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity 87.0 nes 20; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                            COUNTRY: United States of America
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                                                                                                                                                                                                                                                                                                                                 New Jersey
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 25
                                                                                                                                                  COUNTRY: US

ZIP: 94306
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: LIM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION UNMER: US/08/969,813
FILING DATE: 13-NOV-1997
CLASSIFICATION + 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/030,963
FILING DATE: 15-NOV-1996
AFTORNEY/AGENT INFORMATION:
NAME: GOTTLEY, LeeAnn
REGISTRATION NUMBER: 37,337
REFERENCE/DOCKET NUMBER: 37,337
REFERENCE/DOCKET NUMBER: 0450-0013.30
TELLEDHONE: 650-324-0880
TELLEDHONE: 650-324-0880
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Best Local Similarity 87.0%;
Matches 20; Conservative
                                                                           INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT:
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NAME: Irons, Edward S.
REGISTRATION NUMBER: 16,5
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: P.O. Box 60850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Reagent and Method for Isolation
TITLE OF INVENTION: and Detection of Selected Nucleic Acid Sequences
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Summerton, Jame APPLICANT: Weller, Dwight APPLICANT: Wages, John M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: P.O. BOX
CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS:
TOPOLOGY: Unl
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TELEFAX: (202) 783-6031
                                                        LENGTH:
OPOLOGY:
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                                                        25 base pairs
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linear
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20 No. 5734020ember 1991
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Pred. No. 1.3e+02
0; Mismatches
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SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_binding
LOCATION: (1)...(24)
OTHER INFORMATION: Synthetic DNA Probe
RESULT 46
US-09-721-154-4/c
; Sequence 4, Application US/09721154
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                                                                                                                                                                                                                                                          ; OTHER INFORMATION: synthetic oligonucleotide US-09-854-317-1
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Matches
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 24
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APPLICANT: Kurn, Nurith
APPLICANT: Patel, Raje
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/09854317 Patent No. 6582938
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application US/10043415 Patent No. 6573054
                                                                                                                                                                                Matches
                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Su, Xing
APPLICANT: Dong, Helin
APPLICANT: Ryder, Thomas B.
TITLE OF INVENTION: Amplification of Nucleic Acids
FILE REFERENCE: 3234.2
CURRENT APPLICATION NUMBER: US/09/854,317
CURRENT FILING DATE: 2001-05-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Patel, Rajesh D.
TITLE OF INVENTION: Quantitative Determination of Nucleic TITLE OF INVENTION: Quantitative Determination of Nucleic TITLE OF INVENTION: Acid Amplification Products FILE REFERENCE BEH-7408
CURRENT APPLICATION NUMBER: US/10/043,415
CURRENT FILING DATE: 2002-01-10
PRIOR APPLICATION NUMBER: US/99/025,639
PRIOR PRIOR DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 8
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                ORGANISM: artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5393 AAAAAAATACAAAAAAGAAAAAA 5415
                                                                                                                                          5393 AAAAAATACAAAAAAGAAAAAA 5415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 AAAAAAAAAAAAAAAAAAAAA 23
                                                                                                     ANANANANANANANANANA 23
                                                                                                                                                                                  Conservative
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llarity 87.0%;
Conservative
                                                                                                                                                                                                   0.3%;
87.0%;
                                                                                                                                                                                0; Mismatches
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Pred. No. 1.2e+02;
0; Mismatches 3;
                                                                                                                                                                                                   Score 18.2; DB 1;
Pred. No. 1.2e+02;
                                                                                                                                                                                             1.2e+02;
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RESULT 47

5399676-1/c
;PATCHI NO. 5399676
;PATCHI NO. 5399676
; PATCHI APPLICATION DATA:
APPLICATION NUMBER: US/07/559,958
; PILING DATE: 30-UL-1990
; PRIOR APPLICATION DATA:
APPLICATION NUMBER: 502,772
; PATCHING DATE: 29-MAR-1990
; PATCHING DATE: 29-MAR-1990
; PATCHING DATE: 29-MAR-1990
; PATCHING DATE: 29-MAR-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION UNMBER: US/09/721,154
CURRENT FILING DATE: 2002-06-14
PRIOR APPLICATION NUMBER: 09/311,996
PRIOR FILING DATE: 1999-05-14
NUMBER OF SEQ ID NOS: 14
SOPTWARE: PASTSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
PRIOREMENT OF SERVICES OF SEQUENCE
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                                                                                                                                                                                                                                                   RESULT 48
US-08-341-148-2/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO:1:
             Sequence 2, Application US/08341148
PATERIX NO. 5610287
GENERAL INFORMATION:
APPLICANT: NIKIFOROV, THEO
APPLICANT: KNAPP, MICHAEL
TITLE OF INVENTION: METHOD FOR THE IMMOBILIZATION OF NUCLEIC
TITLE OF INVENTION: ACID MOLECULES
NUMBER OF SEQUENCES: 24
CORRESSER: HOWREY & SIMON
STREET: 1299 PENNSYLVANIA AVENUE, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 6651008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Vaisberg, Bugeni
APPLICANT: Adams, Cynthia
APPLICANT: Sabry, James
APPLICANT: Crompton, Anne
TITLE OF INVENTION: Database system including computer code
TITLE OF INVENTION: for predictive cellular bioinformatics
FILE REFERENCE: CytoP007C2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 425,803 FILING DATE: 23-OCT-1989
                                                                                                                                                                                                                                                                                                                                                                            5404 AAAAAGAAAAATGAAAATAAAG 5426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5393 AAAAAAATACAAAAAAGAAAAAA 5415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24 АЛАЛАЛАЛАЛАЛАЛАЛАЛАЛА 2
WASHINGTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
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87.0%; Pred. No. 1.2e+02
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Pred. No. 1.2e+02;
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CURRENT FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: US 08/473,010
PRIOR ETLING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: US 08/247,530
PRIOR FILING DATE: 1994-05-23
PRIOR APPLICATION NUMBER: US 07/838,607
PRIOR FILING DATE: 1992-02-19
PRIOR FILING DATE: 1992-02-19
NUMBER OF SEQ ID NOS: 18
SOPTWARE: PRESEEQ for Windows Version 3.0
SEQ ID NO 6
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                                                                                                                                                                                                                                                                                                                           US-09-025-639-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Oligonucleotide attached to beads
US-09-536-936-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-536-936-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 11

SOPTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 11

LENGTH: 24

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 11, Application US/09536936
Patent No. 6346384
GENERAL INFORMATION:
APPLICANT: Pollner, Reinhold
TITLE OF INVENTION: Real Time Monitoriing of
FILE REFERENCE: BEH-7438
                NUMBER OF SEQ ID NOS: 8
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09025639 Patent No. 6365346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%;
Best Local Similarity 87.0%;
Matches 20; Conservative
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                                                                                                            APPLICANT: Kurn, Nurith
APPLICANT: Patel, Rajesh D.
TITLE OF INVENTION: Quantitative Determination of Nucleic
TITLE OF INVENTION: Acid Amplification Products
FILE REFERENCE: BEH-7408
CURRENT APPLICATION NUMBER: US/09/025,639
CURRENT FILING DATE: 1998-02-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/536,936
CURRENT FILING DATE: 2001-06-11
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
ORGANISM: Artificial Sequence
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ilarity 87.0%;
Conservative
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Pred. No. 1.2e+02;
0; Mismatches 3;
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Pred. No. 1.2e+02;
0; Mismatches 3
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Sequence 134, Application US/09475947A

Patent No. 6472154

GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
APPLICANT: Winna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOUTWARE: Patentin Ver. 2.1
SEQ ID NO 134
LENGTH: 24
                  Query Match
Best Local Similarity
Watches 20; Conserve
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US-09-475-947A-134/c
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                                                                                                            ; TYPE: DNA
; ORGANISM: human
US-09-475-947A-134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ঠ
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US-09-333-237-4
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LENGTH: 24
TYPE: DNA
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Best Local Similarity 87.0%;
Matches 20; Conservative
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Best Local Similarity 87.0%;
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/333,237
CURRENT FILLING DATE: 1999-06-15
PRIOR APPLICATION NUMBER: 09/025,624
PRIOR FILING DATE: 1998-02-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Singh, Sharat
APPLICANT: Ullman, Edwin F.
TITLE OP INVENTION: Chemiluminescent Compositions For Use
TITLE OP INVENTION: Detection Of Multiple Analytes
FILE REFERENCE: BEH-7383A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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5393 AAAAAAATACAAAAAAGAAAAAA 5415
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                                     Conservative
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87.0%;
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                                                      Score 18.2; DB 1;
Pred. No. 1.2e+02;
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Pred. No. 1.
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Pred. No. 1.2e+02
0; Mismatches
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APPLICANT: DELLINGER, DOUGLAS J.
APPLICANT: DAHM, SUEANN C.
APPLICANT: DAHM, SUEANN C.
APPLICANT: ACH, ROBERT A.
APPLICANT: TROLL, WARK A.
TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT
FILE REFERENCE: 10981619-1
CURRENT APPLICATION NUMBER: US/09/183,619
CURRENT FILING DATE: 1998-10-30
EARLIER APPLICATION NUMBER: 08/735,381
RANLIER FILING DATE: 1996-10-21
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 7
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                                                                                                                                      US-09-183-619-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/09183619
Patent No. 6103474
GENERAL INFORMATION:
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Best Local Similarity
Matches 20; Conserv
                                                            Matches
                                                                            Query Match
Best Local 8
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ATTORNEY/AGENT INFORMATION:
NAME: COTUZE1, LAURE A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-909
TELEPHONE: (212) 790-909
TELEPHONE: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: poly A-RNA target OTHER INFORMATION: analyte
                                                                                                                                                                                                                                                           LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/470,911
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/486,809 FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
5393 AAAAAAATACAAAAAAGAAAAAA 5415
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                                                                          h 0.3%;
Similarity 87.0%;
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; Pred. No. 1.2e
0; Mismatches
                                                          0,
                                                                          Score 18.2; DB 1;
Pred. No. 1.2e+02;
                                                            Mismatches
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US-09-164-249B-6
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                          GENERAL INFORMATION:
APPLICANT: Chetverin, Alexander B.
APPLICANT: Chetverin, Alexander B.
APPLICANT: Kramer, Fred Russel
APPLICANT: Kramer, Fred Russel
TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application Patent No. 6110682
GENERAL INFORMATION:
                                                                                                                                          Sequence 6, Application US/09164249B Patent No. 6322971
                                                                                                                                                                                                                                                                                                                                                         Matches
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CURRENT APPLICATION NUMBER: US/09/164,249B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 650-852-8063
TELEX: 348-461
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                 Local
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TELEPHONE: 650-857-4125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/735,381 FILING DATE: 21-OCT-1996 ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                   5393 AAAAAAATACAAAAAAGAAAAAA 5415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: SIGNAL ENHANCEMENT METHOD AND NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Dellinger, Douglas J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                 Similarity
                                                                                                                                                                                                                                                                         AAAAAAAAAAAAAAAAAAAA 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Choi, Wendy A. REGISTRATION NUMBER: 36,697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/201,674 FILING DATE: 30-No. 6110682-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn Release #1.0, Version #1.30
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                     07763-004003
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Pred. No. 1.
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ATTORNEY/AGENT INFORMATION:

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US-08-470-911-50
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US-08-486-421-50
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Sequence 50, App...
                                                Query Match
Best Local Similarity
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GENERAL INFORMATION:
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Best Local Similarity 87.0%;
                                 Matches
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NAME: COTUZZI, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 6923-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER STEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/470,911 FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Johnson, Edward M. APPLICANT: Bergemann, Andrew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
NUMBER OF SEQUENCES: 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: New York COUNTRY: U.S.A. ZIP: 10036-2711
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Coruzzi, Laura A. REGISTRATION NUMBER: 30
                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION:
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5393 AAAAAAATACAAAAAAGAAAAAA 5415
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                                                                                                                                                                                           24 base pairs
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                                                0.3%;
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                             Score 18.2; DB 1; Length 24; Pred. No. 1.2e+02; O; Mismatches 3; Indels
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Pred. No. 1.2e+02;
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US-08-735-381-1
                                                                                                                                                                                                           RESULT 36
                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 20; Conserv
                                                                               Patent No. 5869622
GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/08735381 Patent No. 5853993
                                                                                                                                                                       Sequence 50,
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TELEX: 348-461
INFORMATION FOR SEQ ID NO:
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APPLICANT: Dellin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 105
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-857-4125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
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LENGTH: 24 base pairs
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NAME: Choi, Wendy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 5
                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                       HYPOTHETICAL:
                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: SIGNAL ENHANCEMENT METHOD AND KIT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Dahm, SueAnn
APPLICANT: Troll, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/735,381 FILING DATE: 21-OCT-1996 CLASSIFICATION: 435
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CITY: Palo Alto
STATE: California
            ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
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                                                                                                                                                                                                                                                                                               5393 AAAAAATACAAAAAGAAAAAA 5415
                                                                                                                                                                                                                                                              1 АААЛААААААААААААААААА
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New York
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                                                                                                                                                                       Application US/08486809
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87.0%;
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Pred. No. 1.2e+02
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US-08-014-943A-25
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US-09-103-663-7
                                                                                                                                                                                                                                                                                  ; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-103-663-7
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INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
           Sequence 25, Application US/08014943A
Patent No. 5545551
PARENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Kinet et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local S
                                                                                                                                                                                                                   Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 7
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                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/103,663D CURRENT FILING DATE: 1998-06-23 EARLIER APPLICATION NUMBER: 07/869,933 EARLIER FILING DATE: 1992-04-16 NUMBER OF SEQ ID NOS: 35 SOPTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Isolation, characterization, and use of the human beta TITLE OF INVENTION: subunit of the high affinity receptor for TITLE OF INVENTION: immunoglobulin E. FILE REFERENCE: 50490
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE: 19920416
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 4039
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELBEAX: 1/4
TELBEAX: 899149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (703) 683-4109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                                                                                                                            5395 AAAAATACAAAAAAGAAAAATG 5417
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      h 0.3%;
Similarity 87.0%;
20; Conservative
Johnson, Edward M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                0.3%;
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                                                                                                                                                                                                                                Score 18.2; DB 1;
Pred. No. 1.2e+02;
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                                                                                                                                                                                                                              ..2e+02;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENCTH: 24 base TYPE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 50, App...
Sequence 50, App...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Johnson, Edward M.
APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
                                                                                                          COUNTRY: U.S.A.

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
    APPLICATION NUMBER: US/08/486,421
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/470,911
APPLICATION NUMBER: US 08/470,911
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PACENT PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: COTIZZÍ, LAURA A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Bergemann, Andrew D.
TITLE OF INVENTION: Cloning And Expression Of PUR Protein
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 212 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/014,943A FILING DATE: 02)FEB)1992 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                          STATE: New York
                                                                                                                                                                                                                                                                                             STREET: 1155 Avenue of the Americas CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 24 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 212 790-9090
TELEFAX: 212 869-8864/9741
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: New York STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
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1155 Avenue of the Americas
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unknown
                                                                                                                                                                                                                                                                                                                                       Pennie & Edmonds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DNA (genomic)
06-JUN-1995
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87.0%; Pred. No. 1.2e+02;
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; Patent No. 6686188
; SEQ ID NO 13291
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-13291
                                      RESULT 28
US-09-167-513-10/c
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US-09-527-345-6
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                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/527,345
CURRENT FILING DATE: 1999-03-17
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 6
LENGTH: 26
Sequence 10, Application US/09167513
Patent No. 6388064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6, Application US/09527345
Patent No. 6331413
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                           Query Match
Best Local 8
                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Sheppard, Paul O.
APPLICANT: Adler, David A.
TITLE OF INVENTION: SECRETED
FILE REFERENCE: 97-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR
                                                                                                                                                                                                         Local Similarity
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APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US01/00667
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                                                                                                                                                   5392 TAAAAAATACAAAAAAGAAAAAA 5415
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                                                                                                                 26 BAAAAAAAAAAAAAAAAAAAAA
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ilarity 84.0%;
Conservative
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Pred. No. 1.2e+02;
1; Mismatches 3
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Pred. No. 1.1e+02;
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GENERAL INFORMATION:

APPLICANT: Conklin, Darrell C.

APPLICANT: Blumberg, Hal

TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A

FILE REFERENCE: 97-63

CURRENT APPLICATION NUMBER: US/09/167,513

CURRENT FILING DATE: 1998-10-06

EARLIER APPLICATION NUMBER: US 60/061,712

EARLIER APPLICATION NUMBER: US 60/061,712

EARLIER FILING DATE: 1997-10-06

NUMBER OF SEQ ID NOS: 28

SOSTMARE: FastSEQ for Windows Version 3.0

SEQ ID NO 10

SEQ ID NO 10

LENGTH: 26

THEORY NAME
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US-07-869-933-7
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; Sequence 43, Application US/09161939A
; Patent No. 6486299
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
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                                                                                  ; Patent No. 5770396
; GENERAL INFORMATION:
APPLICANT: KINET, Jea
TITLE OF INVENTION: I
TITLE OF INVENTION: I
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                                                                                                                                                                       Sequence 7, App. .... No. 577039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/161,939A
CURRENT FILING DATE: 1998-09-28
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 43
                                                                                                                                                                                                                                                                                                                                                                                Best
                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Genes and Proteins Predictive and Therapeutic TITLE OF INVENTION: Stroke, Hypertension, Diabetes, and Obesity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: oligo(dT)<25>V
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 26
                                                  CORRESPONDENCE ADDRESS:
                                                                     NUMBER OF SEQUENCES:
               STREET:
                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
CITY:
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Alexandria
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                                                                                                                                                                                               Application US/07869933
               1800 Diagonal Road, Suite 500
                                                                                  KINET, Jean-Pierre
VENTION: ISOLATION, CHAI
VENTION: THE HUMAN B SUI
VENTION: IMMUNOCLOBULIN
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                               Foley & Lardner
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Pred. No. 1.2e+02;
1; Mismatches 3;
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Pred. No. 1.
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AFFINITY
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                                                                                                           RECEPTOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic soid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/09569344

Patent NO. 6368802

GENERAL INFORMATION:

APPLICANT: UNIVERSITY OF ROCHESTER

TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local
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APPLICATION NUMBER: US 08/393,439
FILING DATE: 23-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/047,860
FILING DATE: 15-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Releacture Application NaTA:
APPLICATION NUMBER: US/
PILING DATE: 26-FEB-97
CLASSIFICATION: 536
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                                                  APPLICATION NUMBER: US/09/569,344
FILING DATE: 11-May-2000
CLASSIFICATION: CUNKNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/805,631
FILING DATE: 26-FEB-97
APPLICATION NUMBER: US 08/393,439
FILING DATE: 23-FEB-1995
APPLICATION NUMBER: US 08/047,860
FILING DATE: 15-APR-1993
ATTORNEY/AGENT INFORMATION:
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REFERENCE/DOCKET NUMBER: 22
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
STREET: 119 No. 6368802th Fourth Street, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20;
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                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Minneapolis
STATE: Minnesota
                NAME: SANDBERG, VICTORIA A. REGISTRATION NUMBER: 41,287
                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
REFERENCE/DOCKET NUMBER: 220.00010140
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Pred. No. 1e+02;
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; TYPE: DNA; Homo sapiens US-09-827-998-1153
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Patent No. 6656700
SEQ ID NO 1153
                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
                                                                                                                                                                                                                                                         Sequence 13291, Application US/09866108A Patent No. 6686188
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Gu, Yizhong
APPLICANT: Shannon, Mark
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
               CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25 PRIOR APPLICATION NUMBER: US 60/207,456
                                                                     APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: ABOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 188:
                                                                                                                             APPLICANT:
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INFORMATION FOR SEQ ID NO: 5:
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FILING DATE: 2000-05-26
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                PENN, Sharron G.
HANZEL, David K.
                                                                                                                           RANK, David R. CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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Pred. No. 1.
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                                                                                            IN HUMAN HEART AND MUSCLE
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PRIOR APPLICATION NUMBER: US 60/173,338
PRIOR FILING DATE: 1999-12-28
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn version 3.1
SEQ ID NO 17
LENGTH: 22
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
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US-09-750-401-17/c
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APPLICANT: Keene, Jack D.
APPLICANT: Carson, Craig C.
APPLICANT: Carson, Craig C.
APPLICANT: Tenenbaum, Scott A.
TITLE OF INVENTION: Methods for isolating and
TITLE OF INVENTION: complexes
FILE REFERENCE: RBN-001
CURRENT APPLICATION NUMBER: US/09/750,401
CURRENT FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: US/09/73,338
PRIOR FILING DATE: 1999-12-28
                                                                                                                                                                                                                                                    US-09-750-401-19/c
                                                                                                                                                                                                                                                                       RESULT 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin US-09-750-401-17
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                                                                                                                                                                                            Patent No. 6635422 GENERAL INFORMATION:
                                                                                                                                                                                                              Sequence 19, Application US/09750401 Patent No. 6635422
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APPLICANT: Carson, Craig C.
APPLICANT: Tenenbaum, Scott A.
TITLE OF INVENTION: Methods for
TITLE OF INVENTION: complexes
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CURRENT FILING DATE: 2000-12-28
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Local Similarity 81.5%;
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Pred. No. 8
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Pred. No.
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CURRENT APPLICATION NUMBER: US/08/910,632B
CURRENT FILING DATE: 1997-08-13
EARLIER APPLICATION NUMBER: 08/805,631
EARLIER FILING DATE: 1997-02-26
EARLIER FILING DATE: 1997-02-26
EARLIER FILING DATE: 1997-02-23
EARLIER FILING DATE: 1995-02-23
EARLIER APPLICATION NUMBER: 08/047,860
EARLIER APPLICATION NUMBER: 08/047,860
EARLIER APPLICATION NUMBER: 08/047,860
EARLIER FILING DATE: 1993-04-15
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 5
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                                                                                                                                                                                                                                                          Sequence 5, Application US/08805631A Patent No. 6096880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: KOOL, ERIC T.
TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC
FILE REFERENCE: 220.00010130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 19
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: UNIVER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MUETING,
                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                  STREET: 119 No. 6096880th Fourth CITY: Minneapolis STATE: Minnesota
                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                  5393 AAAAAATACAAAAAAGAAAA 5414
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IBM PC compatible
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                                                                                                                                                                                                            CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
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Pred. No. 1
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Pred. No. 8
                                                                                                                      & GEBHARDT, P.A.
Fourth Street, Suite
                                                                                                                                                                                                                                                                                                                                                                                                                                    Mismatches
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MEDIUM TYPB: Diskette

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RESULT 18
US-09-225-928-1103/c
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Patent No. 6352829
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: Fundows95
SOPTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
CLASSIFICATION = 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 0906/002001
REFERENCE/DOCKET NUMBER: 0906/002001
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
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INFORMATION FOR SEQ ID NO: 1103:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1375

CORRESPONDENCE ADDRESS:
ADDRESSEB: Pish & Richardson, P.C.
ADDRESSEB: 2200 Sand Hill Road, Suite 100
CITY: Wenlo Park
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
OTHER INFORMATION: oligonucleotide primer
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MEDIUM TYPE: Diskett
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TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
TITLE OF INVENTION: EXPRESSION
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                                                                              NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS
CORRESSER: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
                                                                                                                                                                                                    Jokhadze, George
Bibliashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                        APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      118 CTTGCAGCTCAAGGGTTGATCTCAGGA 144
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                                                                 STATE: CA
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81.5%; Pred. No. 97;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1103, Application US/09225201B Patent No. 6489455
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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INFORMATION FOR SEQ ID NO: 1103:
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FILING DATE: 05-Jan-199
CLASSIFICATION: -Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOPTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
PILING DATB: 05-Jan-1999
CLASSIFICATION: <Unknown>
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REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEO for Windows Version 2.0
CURRENT APPLICATION DATA:
                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
PILING DATE: 21-MAY-1997
ATTORNEY/ACENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
                                                                                                                                                                                                                                                                                                  ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
CORRESSEE: Fish & Richardson, P.C.
ADDRESSEE: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: oligonucleotide primer SEQUENCE DESCRIPTION: SEQ ID NO: 1103:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               118 CTTGCAGCTCAAGGGTTGATCTCAGGA 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         27 CTTGCCGCTCAAGGATTGAGATGAGGA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 27 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                            STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Menlo Park
REFERENCE/DOCKET NUMBER: 09096/002001
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Bibilashvilli, Ro
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81.5%; Pred. No.
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US-09-923-246-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         sequence 38, Application US/10295723
Patent No. 6686178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                 SEQ ID NO 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: No. 6686178ak, Julia E. APPLICANT: Presnell, Scott R. APPLICANT: Sprecher, Cindy A. APPLICANT: Foster, Donald C. APPLICANT: Holly, Richard D. APPLICANT: Gross, Jane A.
                                                                            PRIOR APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: 1999-07-01
                                                                                                                                                                                                                                                  FILE REFERENCE: 99-16
CURRENT APPLICATION NUMBER: US/10/295,723
CURRENT FILING DATE: 2002-11-15
                                                                                                                                                                                                                                                                                                               APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                       NUMBER OF SEQ ID NOS: 115
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                               PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: 1999-03-09
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CURRENT FILING DATE: 2001-08-03
                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 09/522,217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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PPLICANT: No. 6605272ak, Julia E.
LENGTH: 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION:
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Sprecher, Cindy A.
Poster, Donald C.
Holly, Richard D.
Gross, Jane A.
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Dillon, Stacey R.
Hammond, Angela K.
                                                                                                                                                                                                                                                                                                                                                                                                    Johnston,
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Pred. No. 85;
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Query Match
Best Local Similarity
Matches 22; Conserve
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Sequence 79, App.
                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435

PRIOR APPLICATION NUMBER: 07/869,916

APPLICATION NUMBER: 07/869,916

PILING DATE: April 14, 1992

APPLICATION NUMBER: Japan 240525/91

PILING DATE: August 26, 1991

ATTORNEY/AGENT INFORMATION:

NAME: Janelle Faunce Raupp

REGISTRATION NUMBER: 30,485

REFERENCE/DOCKET NUMBER: #3954-A-7

TELECOMMUNICATION INFORMATION:
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APPLICANT: Ito, Junetsu
APPLICANT: Yoo, Seung-Ku
                                                                                                                                                                                                                                                TELEFAX: (602) 495-9475 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Oligonucleotide primer ZC7764a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 85016
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 1.2 Mb
COMPUTER: Packard Bell (IBM PC/AT compatible)
COMPUTER: MS-Dos, Version 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: Packard Bell (15M FC/A).
OPERATING SYSTEM: MS-Dos, Version
SOFTWARE: WordPerfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/208,486
                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: METHODS TO REPLICATE DNA in vitro USING TITLE OF INVENTION: PRD1-CATALYZED DNA REPLICATION SYSTEMS NUMBER OF SEQUENCES: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
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                       5389 AATTAAAAAAAAAAAAAAAAAAAAAA 5415
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ANANANANANANANANANANANANA 27
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                                                                  Conservative
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ne, 2141 E. Highland Ave.
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Pred. No.
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Pred. No. 89
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RESULT 17 US-08-859-998-1103/c ; Sequence 1103, Application US/08859998

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US-09-522-217-38/c
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                                                                                                                                                                                        EARLIER APPLICATION NUMBER: US 60/142,013
EARLIER FILING DATE: 1999-07-01
NUMBER OF SEQ ID NOS: 115
SOPTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 38
SEQ ID NO 38
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: No. 6307024ak, Julia E. APPLICANT: Presnell, Scott R. APPLICANT: Prescher, Cindy A. APPLICANT: Foster, Donald C. APPLICANT: Holly, Richard D. APPLICANT: Gross, Jane A. APPLICANT: Johnston, Janet V. APPLICANT: Johnston, Janet V.
                                                                                    Query Match
Best Local
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Best Local
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EARLIER APPLICATION NUMBER: US 60/123,547
EARLIER FILING DATE: 1999-03-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (610) 454-3808 INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                         EARLIER APPLICATION NUMBER: US 60/123,904
EARLIER FILING DATE: 1999-03-11
                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/522,217
                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
LENGTH: 26 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (610) 454-3816
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Savitzky Esq., Martin F. REGISTRATION NUMBER: 29,699
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
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                                5392 ТАЛАЛАЛАТАСЛАЛАЛАСАЛАЛАЛА 5415
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26 TAAAAAAAAAAAAAAAAAAAA 3
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Pred. No. 85;
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                                                                                    Score 19.2;
Pred. No. 8
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RESULT 12

RESULT 14 US-09-923-246-38/c ; Sequence 38, Application US/09923246

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                                                                                                                                   ; OTHER INFORMATION: Oligonucleotide primer ZC7764a US-09-527-345-7
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                                                                                                                                                                                                                        SOFTWARE: F
SEQ ID NO 7
LENGTH: 26
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SEQ ID NO 19
LENGTH: 26
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                                                                                 Query Match
Best Local Similarity
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Best Local
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                                                                  Matches
                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/527,345
CURRENT FILING DATE: 1999-03-17
PRIOR APPLICATION NUMBER: US 60/124,820
PRIOR FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/580,923
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 08/860,038
                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Sheppard, Paul O.
APPLICANT: Adler, David A.
TITLE OF INVENTION: SECRETED
FILE REFERENCE: 97-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT PRIOR FILING DATE: 1995-11-08 NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH TITLE OF INVENTION: IMMOBILIZED OLIGONUCLECTIDE FILE REFERENCE: 03804.0138-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Wils, Pic
APPLICANT: Cameron,
APPLICANT: Blanche,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE:
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                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide
                              5392 ТАЛАЛАЛАТАСЛАЛАЛАДАЛАЛА 5415
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 ТАЛАЛЛАЛАЛАЛАЛАЛАЛАЛАЛА 3
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                                                                                   0.4%;
87.5%;
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87.5%; Pred. No. 85;
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                                                                                 Score 19.2;
Pred. No. 85;
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RESULT 9
US-08-621-914A-1/c
1S-08-621-914A-1/c
1S-0
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; ORGANISM: human
US-09-475-947A-153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            밁
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 153
LENGTH: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOPTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 30
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
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Best Local Similarity
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Sequence 153, Application US/09475947A
Patent No. 6472154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local (
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APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: JP 2001-003432 PRIOR FILING DATE: 2001-01-11 NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: HORIE, RYUICHI
TITLE OP INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
FILE REFERENCE: 218077US0
CURRENT APPLICATION NUMBER: US/10/042,193A
CURRENT FILING DATE: 2002-01-11
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                                   APPLICANT: KATO, KIKUYA TITLE OF INVENTION: MOLITITLE OF INVENTION: ANALY
NUMBER OF SEQUENCES:
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                                                                      MOLECULAR INDEXING FOR EXPRESSED GENE
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; Pred. No. 44;
0; Mismatches
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Pred. No. 4
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                                                                                                                                                                                                                                                                                                       APPLICANT: SCHERMAN, Daniel
APPLICANT: WILS, Pierre
TITLE OF INVENTION: PURIFICATION OF A TRIPI
TITLE OF INVENTION: WITH AN IMMOBILIZED OLI
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
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FILING DATE: 26 MAR-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REGISTRATION NUMBER: 25,736
REGISTRATION NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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                                                                                                                      ZIP: 19426

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC COMPATIBLE
COMPUTER: IBM FC COMPATIBLE
COMPUTER: FC DOS/MS DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
               FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: FR 94/15162
FILING DATE: 16-DEC-1994
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                            CITY: Collegeville
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                                                                                                          APPLICATION NUMBER:
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OF THE AMERICAS
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APPLICANT: Orum, Hendrik
APPLICANT: Seeger, Corine
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Matches 24; Conserv
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Best Local Similarity
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SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                              NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSE: Joe Liebeschuetz
STREET: Two Embarcadero Center,
                                                                                                                                                             Matsuzaki, Hajime
McGall, Glenn H.
TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
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Chee, Mar)
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                                                                   STATE:
                                                  COUNTRY: USA
                                                                                  CITY: San Francisco
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Cronin, Maureen T.
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Pred. No. 44;
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Pred. No. 44;
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; OTHER INFORMATION: SYNTHETIC DNA US-10-042-193A-1
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US-10-042-193A-1/c
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                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/10042193A
Patent No. 6743588
GENERAL INFORMATION:
APPLICANT: TAKUNACA, TAKUMI
APPLICANT: ISHIGURO, TAKAHIKO
APPLICANT: HORIE, RYUICHI
TITLE OF INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
FILE REFERENCE: 218077US0
                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/042,193A
CURRENT FILING DATE: 2002-01-11
PRIOR APPLICATION NUMBER: JP 2001-003432
PRIOR FILING DATE: 2001-01-11
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Loc
Matches
                                                                    Matches
                                                                                 Query Match
Best Local Similarity
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                                                                                                                                                                               TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (415) 576-0
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                               LENGTH: 30
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RILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-01
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5393 AAAAAATACAAAAAAGAAAAATGAAAA 5421
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                           5393 AAAAAATACAAAAAAGAAAAATGAAAA 5421
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
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30 AAAAAAAAAAAAAAAAAAAAAAAAAAA
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24; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 60/010,471
FILING DATE: 23-CAN-1996
APPLICATION NUMBER: US 60/035,170
FILING DATE: 09-JAN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/882,649A FILING DATE: 25-Jun-1997 CLASSIFICATION: 435-006.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (415) 576-0200
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                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.4%;
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                                                                                 0.4%;
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Pred. No. 44;
0; Mismatches
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                                                                                   Score 21;
Pred. No.
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RESULT 2
US-08-870-730-9
; Sequence 9, Application US/08870730
; Patent No. 6017707
; GENERAL INFORMATION:
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Best Local :
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                                                                                                                                                                           Matches 24;
                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/433,505
FILING DATE: 12-MAY-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                            TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: CHARLES, Marie-Helene
APPLICANT: EROUT, Marie-Helene
APPLICANT: EROUT, Marie-No. 569593611e
APPLICANT: PICHOT, Christian
APPLICANT: TONNELLIER, Jean-Claude
TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF
TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: 703-836-6400
                                                                                                                                                                                        y Match 0.4%;
Local Similarity 82.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: P.O. Box
CITY: Alexandria
STATE: VA
                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36349
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P.O. Box 19928
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CROS, Philippe
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PCT-US94-05407-4
PCT-US94-05407-5
PCT-US95-08605-29
PCT-US95-13142-27
PCT-US96-01473-2
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Pred. No. 44;
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Sequence 5, Appli
Sequence 5, Appli
Sequence 29, Appl
Sequence 27, Appl
Sequence 2, Appli
Sequence 4, Appli
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          FEATURE:
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GENERAL INFORMATION:

APPLICANT: Orum, Hendrik

APPLICANT: Seeger, Corina

ITITE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic

ITITE OF INVENTION: Acids

FILE REFERENCE: sequence listing

CURRENT APPLICATION NUMBER: US/09/083,123

CURRENT FILING DATE: 1998-05-22

EARLIER FILING DATE: 1998-05-22

EARLIER APPLICATION NUMBER: EP 95118600.6

EARLIER APPLICATION NUMBER: PCT/EP96/05149

EARLIER PILING DATE: 1995-11-25

NUMBER OF SEQ ID NOS: 8

SOFTWARE: Patentin Ver. 2.0

TYPE: DNA

ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/870,730
PILING DATE: 06-UN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36349A
TELECOMMUNICATION INFORMATION:
TELEPAN: 703-836-6400
TELEPAN: 703-836-2787
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 Dases
TELEVAL: 30 Dases
                                                                                                                                                                                                                                                                                                                                                                                                                                                             sequence 3, Application US/09083123
Patent No. 6326143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
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APPLICANT: CROS, Philippe
APPLICANT: CHALLES, Marie-Helene
APPLICANT: CHALLES, Marie-Helene
APPLICANT: BROUT, Marie-No. 601770711e
APPLICANT: PICHOT, Christian
TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF
TITLE OF INVENTION: A NUCLECTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSES: OLIFF & BERRIDGE, PLC
STREET: P.O. Box 19928
CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Rel-ease #1.0, Version #1.30
CURRENT APPLICATION DATA:
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ZIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5393 AAAAAAATACAAAAAAGAAAAAATGAAAA 5421
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Pred. No. 44;
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pp 1 1415 pp 1 1416 pp 1 1417 pp c1418 pp c1418 pp 1 1420	C14	14 C14	C14	C14	C14	C14	C13	1 1 1	Cla	0.00	200	213	. C 1	c13	13 C13	1111	ر س ميا د	c13	C13	c13	c13	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C13	C13	c13	C13	C13	C13	C13	. L. L		
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APPLICANT: Bighanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLECTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-17
CURRENT APPLICATION NUMBER: US/09/974,500A
CURRENT TLING DATE: 2002-04-01
PRIOR APPLICATION NUMBER: 09/63,830
PRIOR FILING DATE: 1999-06-25
PRIOR PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR PRILING DATE: 1999-01-29
PRIOR PRILING DATE: 1997-07-29
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US-09-976-971A-55
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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Best Local :
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6 / ... Patent No. 6 
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PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
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Local Similarity 85.0%;
nes 17; Conservation
                                                                                    APPLICATION NUMBER: 60/200,161 FILING DATE: 2000-04-26
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                                  SEQ ID NOS:
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Pred. No. 3.8e+02;
0; Mismatches 3
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Query Match
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US-10-215-448-66
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                                                                                                                                                                                APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PILE REFERENCE: RTS-0179
CURRENT APPLICATION NUMBER: US/10/215,448
CURRENT FILLING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 105
SEQ ID NO 99
LENGTH: 20
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Patent No. 6716975
GENERAL INFORMATION:
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Matches
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TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
FILE REFERENCE: RTS-0179
CURRENT APPLICATION NUMBER: US/10/215,448
CURRENT FILLING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 105
SEQ ID NO 66
LENGTH: 20
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LENGTH: 20
                                                           Query Match
Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                    LENGTH: 20
TYPE: DNA
                                                                                                                                     ORGANISM: H. sapiens FEATURE:
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ORGANISM: Artificial Sequence
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nes 17; Conserv
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llarity 85.0%;
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Pred. No. 3.
                                                                             Score 15.2; DB 1
Pred. No. 3.8e+02
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Pred. No. 3.8e+02;
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APPLICATION NUMBER: 09/244,755
PRIOR APPLICATION NUMBER: 09/240,755
CURRENT APPLICATION NUMBER: US/09/973,788A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR TILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1997-07-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR APPLICATION NUMBER: 60/031,809
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APPLICANT: Letsinger, Ro
APPLICANT: Mucic, Robert
APPLICANT: Storhoff, Jam
APPLICANT: Elghanian, Ro
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LENGTH: 20
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APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-110
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APPLICANT: Letsinger, Rob
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Pred. No. 3.8e+02;
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; ORGANISM: Artificial Sequence ; PERTURE: ; OTHER INFORMATION: Description of Artificial Sequence:random ; OTHER INFORMATION: synthetic sequence US-09-976-617A-55
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NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
                                                                      Matches
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PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
                                                                                       Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 09/344,667
PRIOR FILING DATE: 1999-06-25
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                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
                                                                                                                                                                                                                                      LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US97/12783
                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/200,161
                      5393 AAAAAAATACAAAAAAGAAA 5412
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AAAAAAAAAAAAAAAAAAA 20
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                                                                      Conservative
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                                                                                       0.3%;
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                                                                                       Score 15.2; DB 1
Pred. No. 3.8e+02
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Pred. No. 3.
                                                                        Mismatches
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RESULT 288 US-09-967-409A-55

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             CURRENT APPLICATION NUMBER: US/09/820,279D
CURRENT FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 1999-66-25
PRIOR FILING DATE: 1999-66-25
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PRIOR FILLING DATE: 1999-06-25
PRIOR PELLONG INVEST: 1999-01-29
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR PILING DATE: 1997-07-21
PRIOR PELICATION NUMBER: 60/301,809
PRIOR PILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
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SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:random
OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 55,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local
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APPLICANT: Letsing,
APPLICANT: Mucic, |
APPLICANT: Storhof:
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APPLICANT:
APPLICANT:
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APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-16
CURRENT APPLICATION NUMBER: US/09/967,409A
CURRENT FILING DATE: 2001-09-28
                                                                                                                                                                                     TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO TITLE OF INVENTION: AND USES THEREFOR FILE REFERENCE: 00-1085-A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE:
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PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
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APPLICATION NUMBER: 09/240,755
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Elghanian, Robert
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                                                                                                                                                                                                                                                                                                                   Thomas A.
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CURRENT APPLICATION NUMBER: US/09/820,279D
CURRENT PILING DATE 2001-03-28
PRIOR APPLICATION NUMBER: 09/760,500
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 2009-06-25
PRIOR PILING DATE: 09/344,667
PRIOR PILING DATE: 09/344,667
PRIOR APPLICATION NUMBER: 09/344,755
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
PRIOR FILING DATE: 1999-01-29
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PRIOR FILLING DATE: 1996-07-29
PRIOR PELLORITION NUMBER: 60/176,409
PRIOR FILLING DATE: 2000-01-13
PRIOR PELLORITION NUMBER: 60/192,699
PRIOR PILLING DATE: 2000-03-28
PRIOR PILLING DATE: 2000-03-28
PRIOR PILLING DATE: 2000-04-26
PRIOR PILLING DATE: 2000-04-26
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR APPLICATION NUMBER: 60/213,906
PRIOR PILLING DATE: 2000-06-26
PRIOR PILLING DATE: 2000-06-26
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LENGTH: 20
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Best Local Similarity
Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Li, Zhi
APPLICANT: Park, So-Jung
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
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                                       FILING DATE: 2000-01-13
APPLICATION NUMBER: 60/192,699
FILING DATE: 2000-03-28
APPLICATION NUMBER: 60/200,161
FILING DATE: 2000-04-26
APPLICATION NUMBER: 60/213,906 FILING DATE: 2000-06-26
                                                                                                                                                              APPLICATION NUMBER: 60/176,409
                                                                                                                                                                                                           APPLICATION NUMBER: 60/031,809
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FILING DATE: 1997-07-21
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Mucic, Robert C.
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85.0%;
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Pred. No. 3.8e+02
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data removed -

See File Wrapper or PALM

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RESULT 292
US-09-760-500A-55
; Sequence 55, Application US/09760500A
; Patent No. 6767702
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence:random; OTHER INFORMATION: synthetic sequence
US-09-957-318A-55
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US-09-820-279D-70
                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 64
SOFTWARE: Microsoft Word 2000
SEQ ID NO 55
LENGTH: 20
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SOFTWARE: Microsoft Word 2000
SEQ ID NO 70
                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
PRIOR STILLY NAMES: 60/200,161
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APPLICANT: Taton, Thomas A.
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-713-i2
CURRENT APPLICATION NUMBER: US/09/957,318A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
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PRIOR FILING DATE: 1999-06-25
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                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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                                                                                                                                                                                5393 AAAAAAATACAAAAAGAAA 5412
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                                                                                                                                           AAAAAAAAAAAAAAAAA 20
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                                                                                                                                                                                                                       Conservative
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Pred. No. 3
                                                                                                                                                                                                                                         Score 15.2; DB 1;
Pred. No. 3.8e+02;
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US-09-981-344-55
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 55, Applicate Patent No. 6777186
GENERAL INFORMATION:
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Best Local S
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SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                               APPLICANT: Letsinger, Robert L.
APPLICANT: Mucic, Robert C.
APPLICANT: Storhoff, James J.
APPLICANT: Storhoff, James J.
APPLICANT: Elghanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
EILE REFERENCE: 00-713-122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Bighanian, Robert
APPLICANT: Taton, Thomas A.
TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
TITLE OF INVENTION: AND USES THEREFOR
FILE REFERENCE: 00-715-A
CURRENT APPLICATION NUMBER: US/09/760,500A
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/603,830
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-06-26
                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/200,161
PRIOR FILING DATE: 2000-04-26
NUMBER OF SEQ ID NOS: 64
                                                                                                              PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: 09/240,755
PRIOR FILING DATE: 1999-01-29
PRIOR APPLICATION NUMBER: PCT/US97/12783
PRIOR FILING DATE: 1997-07-21
PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
                                           PRIOR APPLICATION NUMBER: 60/031,809
PRIOR FILING DATE: 1996-07-29
PRIOR APPLICATION NUMBER: 60/200,161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Mirkin, Chad A. APPLICANT: Letsinger, Rob
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                           PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PEATURE: OTHER INFORMATION: Description of Artificial Sequence:random OTHER INFORMATION: synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
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SEQ ID NOS:
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                           2000-04-26
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85.0%; Pred. No. 3.8e+02;
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Best Local Similarity
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LENGTH: 20
                                                            Matches
                                                                           Query Match
Best Local (
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                          STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Synthetic RNA oligonucleotide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: NUCLEIC ACID RECOGNITION AND TRANSPORT NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacke, P.C.
                                                                                                                                        HYPOTHETICAL:
ANTI-SENSE: 1
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NAME: Gates, Edward R.
REGISTRATION NUMBER: 31,0
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/930,087
FILING DATE: 14-AUG-1992
                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: P
FILING DATE: 19930813
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                              5393 AAAAAAATACAAAAAAGAAA 5412
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AAAAAAAAAAAAAAAAA 20
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Pred. No. 3.8e+02;
                                                                           Score 15.2; DB 1;
Pred. No. 3.8e+02;
                                                                                         DB 1;
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RESULT 295

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US-08-474-633A-25
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                                                                                                                                                          Sequence 25, Application US/08474633A Patent No. 5773691
                                                                                                                                                                                                                                                                                                                              Matches
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CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/743,006
PILING DATE: 9 August 1991
ATTORNEY/AGENT INFORMATION:
NAME: Linda Azamethy Floyd
REGISTRATION NUMBER: 33,692
                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genom
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                         TITLE OF INVENTION:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: Macintosh System, SOFTWARE: Microsoft Word, 4.0 CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy Disk
COMPUTER: Macintosh
                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Janet A. Rice
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc feature LOCATION: 1..21
OTHER INFORMATION: /pro
OTHER INFORMATION: /str
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DDRESSEE:
                                                                                                                                                                                                                                                                                             570 GAAGAAGGAGGAGCTGAAGG 589
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1007 Market Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sharon J.
                                                                                                              COMPANY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (302) 892-7949
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3: DNA (genomic)
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                           METHODS FOR INCREASING INCREASING THE LYSINE AND THREONINE CONTENT OF THE SEEDS OF PLANTS
                                                                                                CHIMERIC GENES
               107
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/standard_name= "SM 82"
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BER: BB-1031
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                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                             Score 15.2; DB 1;
Pred. No. 4e+02;
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                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/08715131 Patent No. 5854416
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Best Local :
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 30,684
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
ZIF: JUJULE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
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LENGTH: 21 base pairs
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APPLICATION NUMBER: US/08/474,633A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Needle &
                                                                                                                                                                                                      APPLICANT: Carlone, George M.
TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37-kDa SURFACE
TITLE OF INVENTION: ADHESION A PROTEIN
                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
REGISTRATION NUMBER: 30,6
                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOCATION: 1..21
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CODERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: B. I. DU PONT DE NEMOURS
ADDRESSEE: AND COMPANY
STREET: 1007 MARKET STREET
                                                                     COUNTRY: USA
ZIP: 30303-1811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                      CITY: Atlanta
STATE: Georgia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                      STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             570 GAAGAAGGAGGAGCTGAAGG 589
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                                                                                                                                                                                                                                                          Sampson, Jaca
Sampson, Jaca
Russell, Harold
Pharme, Jean A.
                                                                                                                                      B: Needle & Rosenberg, P.C.
127 Peachtree Street, Suite 1200
                                                                                                                                                                                                                                                       Tharpe, Jean !
Ades, Edwin W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /product= "synthetic
oligonucleotide"
/standard_name= "SM
82"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 15.2; DB 1;
Pred. No. 4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
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APPLICANT: WORNER, Stefano
APPLICANT: WORNER, Stefano
APPLICANT: EMMERICH, Florian
TITLE OF INVENTION: HPV-ASSOCIATED CARCINOMAS AND EXTREME DYSPLASIAS
TITLE OF INVENTION: HPV-ASSOCIATED CARCINOMAS AND EXTREME DYSPLASIAS
TITLE OF INVENTION: CAUSED BY HPV
FILE REFERENCE: 035280024999
CURRENT APPLICATION NUMBER: US/08/913,547A
CURRENT FILING DATE: 1998-01-28
NUMBER OF SEQ ID NOS: 24
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 13
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-08-913-547-13
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                                                                                                                                                                                                       RESULT 299
US-09-221-753-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 298
GENERAL INFORMATION:
APPLICANT: SAMPSON, JACQUELYN S.
APPLICANT: RUSSELL, HAROLD
APPLICANT: THARPE, JEAN A.
APPLICANT: ADES, EDWIN W.
APPLICANT: CARLONE, GEORGE M.
APPLICANT: CARLONE, GEORGE M.
TITLE OF INVENTION: STREPTOCOCCUS PNEUMONIAE 37 kDa SURFACE
TITLE OF INVENTION: ADHESIN A PROTEIN
                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 13, Application US/08913547A Patent No. 6027891
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best
                                                                                                                                                              Sequence 4, Application US/09221753 Patent No. 6217884
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (404) 688-9880 INFORMATION FOR SEQ ID NO: '
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/715,131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 14
TELECOMMUNICATION INFORMATION:
TELEPHONE: (404) 688-0770
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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ATTORNEY/AGENT INFORMATION:
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NAME: Spratt, Gwendolyn D.

REGISTRATION NUMBER: 36,016

REGISTRATION NUMBER: 14114.0200
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17; Conserv
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DEDNESS: double
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85.0%;
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85.0%; Pred. No. 46
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                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
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Pred. No. 4e
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FILE REFERENCE: 64778 US
CURRENT APPLICATION NUMBER: US/09/221,753
CURRENT FILING DATE: 1998-12-28
EARLIER APPLICATION NUMBER: US 07/791,377
EARLIER FILING DATE: 1991-09-17
EARLIER FILING DATE: 1992-01-03
EARLIER FILING DATE: 1996-09-17
INUMBER: US 08/715,131
EARLIER APPLICATION NUMBER: US 08/715,131
EARLIER FILING DATE: 1996-09-17
NUMBER OF SEQ ID NOS: 4
SOPTWARE: FABUSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 21
ITYB: DNA
ORGANISM: UNKNOWN
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Best Local Similarity
Matches 17; Conserv
                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/406,030A
FILING DATE: 17-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/243,391
FILING DATE: 13-MAY-1994
PRIOR APPLICATION NUMBER: US 07/985,586
FILING DATE: 03-DEC-1992
PRIOR APPLICATION NUMBER: US 07/911,533
FILING DATE: 10-JUL-1992
PRIOR APPLICATION NUMBER: US 07/787,840
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OTHER INFORMATION: PRIMER
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/789,188
FILING DATE: 05-NOV-1991
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEB:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Massachusetts
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Two Militia Drive
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Hauge, Brian M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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GENERAL INFORMATION:
APPLICANT: E. I
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Matches 17; Conserv
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 861-6240
TELEPAX: (617) 861-9940
INFORMATION FOR SEQ ID NO: 16:
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 05-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
LENGTH: 21 base pairs
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FILING DATE: 02-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic)
                                                                            PRIOR APPLICATION DATA:

APPLICATION UNMEER: 08/474,633

PILING DATE: «Unknown»

ATTORNEY/AGENT INFORWATION:

NAME: BARBARA C. SIEGELL

REGISTRATION NUMBER: 30,684

REGISTRATION NUMBER: BB-1037-C

TELECOMMUNICATION INFORMATION:

TELEPHONE: 302-992-4931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/823,771
FILING DATE: 24-Mar-1997
                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: PLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4206 CATTCCCGTCACCTCTGTGG 4225
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                                                                                                                                                                                                                                                                      CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: B. I. DU PONT DE NEMOURS
AND COMPANY
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                                                                                                                                                                                                  RESULT 303
US-09-862-847-9/c
                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: downstream amplification primer 99-9424 for SEQ 2227, in complem US-09-422-978-10092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-422-978-10092/c
              Sequence 9, Application US/09862847
Patent No. 6593111
GENERAL INFORMATION:
APPLICANT: Baric, Ralph S.
APPLICANT: Boyd, Yount
TITLE OF INVENTION: DIRECTION ASSEMBLY OF LARGE VIRAL GENOMES AND CHROMOSOMES
FILE REFERENCE: $470.270
CURRENT APPLICATION NUMBER: US/09/862,847
CURRENT FILING DATE: 2001-05-21
CURRENT FILING DATE: 2001-05-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                          PEATURE:
NAME/KEY: primer bind
LOCATION: 1..21
LOCATION: dov
                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 10092
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APPLICANT: Blumenfeld, Matta
APPLICANT: Blumenfeld, Matta
APPLICANT: Blumenfeld, Matta
APPLICANT: Chumakov, Ilya
Ilita OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.0.20CF1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: US 60/206,537
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo Sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic) FEATURE:
                                                                                                                                                                                                                                                                                                                      2481 GGAAAAGACGCTAGAAGCAT 2500
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OTHER INFORMATION:
oligonucleotide"
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STRANDEDNESS: single
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Pred. No. 46
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Pred. No. 4
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RESULT 305 PCT-US92-06412-17

Sequence 17, Application PC/TUS9206412 GENERAL INFORMATION:

APPLICANT: APPLICANT:

Saverio Carl Falco Sharon J. Keeler Janet A. Rice

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Query Match
Best Local Similarity
Tatches 17; Conserve
                                                                                                                                                                 ; OTHER INFORMATION: PRIMER US-09-754-809-4
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Best Local S
Matches 17
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NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 21
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Patent No. 6773880
GENERAL INFORMATIO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SAMPSON, JACQUELYN S.
APPLICANT: RUSSELL, HAROLD
APPLICANT: THARBE, JEAN A.
APPLICANT: ADES, EDWIN W.
APPLICANT: CARLONB, GEORGE M.
APPLICANT: CARLONB, GEORGE M.
TITLE OF INVENTION: STREPTOCCCUS PNEUMONIAE
TITLE OF INVENTION: ADHESIN A PROTEIN
FILE REPERENCE: 64778 US
                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: US/09/221,753

PRIOR FILING DATE: 1998-12-28

PRIOR FILING DATE: EARLIER FILING DATE: 1991-09-17

PRIOR APPLICATION NUMBER: EARLIER PLILING DATE: 1991-09-17

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
PRIOR FILING DATE: EARLIER FILING DATE: 1992-01-03

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/754,809
CURRENT FILING DATE: 2001-01-03
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PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 2001-04-20
NUMBER OF SEQ ID NOS: 24
                                                                                                                                                                                                                       LENGTH: 21
TYPE: DNA
ORGANISM: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial
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                                         1463 TCAGAGACTTATTTGGCCCA 1482
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                                                                                  Conservative
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                                                                                                    Score 15.2; DB Pred. No. 4e+02;
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Pred. No. 4e+02;
0; Mismatches 3;
                                                                                  Mismatches
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                                                                                     Indels
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FILING DATE:

2000-09-27

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RESULT 306
US-09-866-108A-6765
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                                                                                                                                                                              APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                  Sequence 6765, Application US/09866108A Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                               APPLICANT:
APPLICANT:
TITLE OF IN
                                                     APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
                                                                                                                                                                                                                                                                                                 ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: BB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 992-4929
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOPTWARE: Microsoft Word, 4.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy I
COMPUTER: Macintosh
OPERATING SYSTEM: Ma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 530 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 07/743,006 FILING DATE: 9 August 1991 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic oligonucleotide"
OTHER INFORMATION: /standard_name= "SM 82"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 100.
CITY: Wilmington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (302) 892-7949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Linda Axamethy Floyd REGISTRATION NUMBER: 33,692
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 199208
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APPLICATION NUMBER: GB 24263.6 FILING DATE: 2000-10-04 APPLICATION NUMBER: US 60/236,359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  570 GAAGAAGGAGGTGAAGG 589
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Pred. No. 4e+02;
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                                                                                                                                                   HEART
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                                                                                                                                                   AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT EPLICATION NUMBER: US/09/866,108A
CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILLING DATE: 2000-05-26
PRIOR FILLING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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US-09-866-108A-6766
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; Patent No. 6686
; SEQ ID NO 6765
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                       Remaining
NUMBER OF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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TYPE: DNA
ORGANISM: Homo sapiens
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FILING DATE: 2001-01-30
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                       Prior Application data removed - SEQ ID NOS: 15755
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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Sequence Listing Engine
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Pred. No.
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                                              See File Wrapper or PALM
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RESULT 309
US-09-358-381-17/c
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US-09-866-108A-6766
                                                                                                                                                                                                                                                                                            Patent No. 668
SEQ ID NO 6767
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SEQ ID NO 6766
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                                                                                                                                                              Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ARGMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                             Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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TYPE: DNA
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00669
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L00.0%; Pred. No. 3.6e+0
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US-09-050-559C-25
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Patent No. 6096502
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Best Local Similarity
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APPLICANT: Lex M. COMBERT
TITLE OF INVENTION: ANTIGENSE MODULATION OF PTEN EXPRESSION
FILE REFERENCE: RTS-0079
FULE REFERENCE: RTS-0079
FULE REFERENCE: RTS-0079
FULE REFERENCE: RTS-0079
FULE REFERENCE: TATE: 1999-07-21
FULL REFERENCE: RTS-0079
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                       PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: David J. Weitz
REGISTRATION NUMBER: 38,362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM compatible
OPERATING SYSTEM: Microsoft Windows 95
SOFTWARE: Wordperfect for windows 6.0,
SOFTWARE: ASCII (DOS) TEXT format
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5 inch diskette
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TITLE OF INVENTION: NO
TITLE OF INVENTION: HE
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TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA:
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                       STRANDEDNESS: dou
TOPOLOGY: linear
                                                                                                      TYPE: nucleic acid
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STATE: California
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                                                                                                                                          ENGTH:
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                                                                                                                                                                                                                                                                                                        (650) 493-9300
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HELICASE ACTIVITY
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100.0%; Pred. No. 3.8e+02;
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Query Match

0.3%;

Score 15;

DB 1;

Length 18;

밁 S

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NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 7301

LENGTH: 19

TYPE: DNA
ORGANISM: Homo Sapiens
FEAPTURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-3542 for SEQ 3367,
US-09-422-978-7301
                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in con
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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US-09-422-978-7301/c
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US-09-577-902-17/c
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CURRENT APPLICATION NUMBER: US/09/577,902
CURRENT FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: PCT/US99/29594,
PRIOR FILING DATE: 1999-12-14
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SEQ ID NO 17
LENGTH: 18
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 100. Matches 15; Conservative
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Best Local
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APPLICANT: Lex M. Cowsert
APPLICANT: Robert McKay
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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  Score 15;
Pred. No.
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Pred. No.
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hes 0;
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  DB 1;
4e+02;
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RESULT 314
US-09-159-871-7
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; Sequence 272, Application US/08256426B
; Patent No. 5948611
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Best Local
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJ
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/977,284
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/
FILING DATE: 12-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible OPERATING SYSTEM: Windows SOFTWARE: WORDPERFECT 6.1 CURRENT APPLICATION DATA:
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MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No.
STREET: One Liberty Place - 46th Ploor
                                                                                                                                                                                            TYPE: NUCLEACE STRANDEDNESS: TOPOLOGY: LIN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 19103
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                                                                                                                                                                                                                                                ENGTH:
                                                                                                                                                                                                                                                                                                                                                                        NAME: Mark DeLuca
                                                                                            1294 TCTGTGAGAGAGAGC 1308
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Baldwin, Clinton
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Williams, Charlene
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Ahmad, Nilofer Nina
                                                                                                                          Conservative
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03-FEB-1995
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                                                                                                                                       Score 15; DB 1; I
; Pred. No. 4.2e+02;
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                                                                                                                                                     Length 20;
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Sequence 7, Application US/09159871A Patent No. 6420136
GENERAL INFORMATION:
APPLICANT: RIABOWOL, Karl T.

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APPLICANT: Israeli, Ron S
APPLICANT: Heston, Warren D.W.
APPLICANT: Heston, Warren D.W.
APPLICANT: Fair, William R.
APPLICANT: Overfelli, Ouathek
APPLICANT: Pinto, John
TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND
FILE REFERENCE: 1769/41426-G
CURRENT APPLICATION NUMBER: US/08/705,477E
CURRENT APPLICATION NUMBER: US/08/705,477E
CURRENT FILING DATE: 196-08-29
NUMBER OF SEQ ID NOS: 128
SECTIONARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 154

SEQ ID NO 50
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
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.US-09-780-175-50
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US-08-705-477E-118/c
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APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION
                                                                                                                                                                                                                                                                                       Sequence 118, Application US/08705477E Patent No. 6569432
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SEQ ID NO 118
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 50, Application US/09780175 Patent No. 6440738
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CURRENT FILING DATE: 2001-02-08
NUMBER OF SEQ ID NOS: 154
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PRIOR FILING DATE: 1997-09-26
PRIOR APPLICATION NUMBER: US 09/006,783
PRIOR FILING DATE: 1998-01-14
NUMBER OF SEQ ID NOS: 13
SOPTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20
TYPE: DNA
ORGANISM: Human
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CURRENT APPLICATION NUMBER: US/09/159,871A
CURRENT FILING DATE: 1998-09-24
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; Pred. No.
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; ORGANISM: Homo sapiens
US-08-705-477E-118
                                                        US-08-158-232-27
                                                                        RESULT 318
                                                                                                                                                                                                                                                                    US-08-049-783-13
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                                                                                                                                                                                             Query Match
Best Local S
Matches 15
Sequence 27, Applicati
Patent No. 5596071
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Narva, Kenneth E
APPLICANT: Schwab, George E
APPLICANT: Schwab, George E
APPLICANT: Payne, Jewel M
TITLE OF INVENTION: Gene Encoding NC
TITLE OF INVENTION: Toxins Cloned fi
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSES: Jeff Lloyd
STREET: 2421 N.W. 41st Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 904-372-5800 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/049,783
FILING DATE: 19930419
FILING DATE: 19930419
                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lloyd, Jeff
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                   TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U
ZIP: 32606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Gainesville
                                                                                                                                             5271 AAGGAAGTTTATTCAGAAAAT 5291
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                                                                                                                            1 AATGAAGTWTATCCWGTWAAT 21
                                                                                                                                                                                                                Similarity
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                                     Application US/08158232
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                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                   DNA (synthetic)
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100.0%; Pred. No.
                                                                                                                                                                                                              71.4%;
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Pred. No. 4.4e+02
                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             No. 5439881el Nematode-Active from Bacillus thuringiensis Isolates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4.2e+02;
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                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                Length 21;
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APPLICANT: APPLICANT:

Payne, Jewel

APPLICANT:

Meier, Henry Uick, Heidi Jane Kennedy, M. Keith Randall, John Broo Meier, Henry

John Brooks

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RESULT 319
US-08-304-626-27
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                                                                                                                                                                                                                                       Sequence 27, Applia Patent No. 5616495
                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 07/703,977
PILING DATE: 22-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: M/SCJ104.C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/158,232
FILING DATE:
CILASSIFICATION: 435
CILASSIFICATION DATA:
APPLICATION NUMBER: US 07/887,980
FILING DATE: 22-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,645
FILING DATE: 25-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Fayne, Jewel M.
APPLICANT: Kennedy, M. Keith
APPLICANT: Randall, John Brooks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 904-372-5800
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                    APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
  TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Pu, Jenny
TITLE OP INVENTION: No. 5596071el Bacillus thuringiensis Toxins Active
TITLE OF INVENTION: Against Hymenopteran Pests
NUMBER OF SEQUENCES: 51
                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Patentin
                                                                                                                                                                                                                                                                                                                                                                                                                                                          / Match 0.3%; Score 15; DB 1; Length 21; Local Similarity 71.4%; Pred. No. 4.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                   5271 AAGGAAGTTTATTCAGAAAAT 5291
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: FL
                                                                                                                                                                                                                                                                                                                                                            AATGAAGTWTATCCWGTWAAT 21
                                                                                                                                                                                                                                                           Application US/08304626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: David R. Saliwanchik
2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        21 bases
Poncerrada, Luis
Schnepf, Harry E.
Schwab, George E.
SCHWAB, George E.
VENTION: No. 5616495el Bacillus thuringiensis Isolates
VENTION: Active Against Hymenopteran Pests and Genes Er
VENTION: Hymenopteran-Active Toxins
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Schnepf, H. Ernest
Schwab, George E.
                                                                                                                  Meier, Henry
Uick, Heidi Jane
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                      Genes Encoding
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 575349
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 34,
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                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
ZIP: 32606

COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/316,301A
FILING DATE: 30-SEP-1994
                                                                                                                                                                                                                                                         TITLE OF INVENTION: No. 5753492el Nematode-Active Toxins and TITLE OF INVENTION: Which Code Therefor NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: DNA (synthetic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31.794
REFERENCE/DOCKET NUMBER: M/SCJ 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOOTWARB: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,626
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ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Narva, Kenneth B. APPLICANT: Foncerrada, Luis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 904-375-8100
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PRIOR APPLICATION NUMBER: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 2421 N.W. CITY: Gainesville STATE: FL
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CITY: Gainesville
STATE: FL
                                                                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5271 AAGGAAGTTTATTCAGAAAAT 5291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15;
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                                                                                                                                                                                                                                                                                                                               Payne, Jewel M.
Narva, Kenneth
                                                                                                                                                                                                                       B: Saliwanchik & Saliwanchik
2421 N.W: 41st Street, Suite A-1
                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 15; DB 1;
Pred. No. 4.4e+02;
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:

23-APR-1992

07/871,510

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RESULT 321
US-08-611-928-27
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Patent No. 5824792
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
STALL.
STALL.
COUNTRY: USA
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Lloyd, Jeff
REGISTRATION UNMER: 35,589
REFERENCE/DOCKET NUMBER: MA20
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
TELEPAX: 904-372-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (syn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATA:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/084,653
APPLICATION 12-AUG-1987
435
                                                                                                                                                                                                              APPLICANT: Foncerrada, Luis
APPLICANT: Schnepf, H. Ernest
APPLICANT: Schwab, George E.
APPLICANT: Fu, Jenny
TITLE OF INVENTION: No. 5824792el Bacillus thuringiensis Toxins Active
TITLE OF INVENTION: Against Hymenopteran Pests
NUMBER OF SEQUENCES: 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 12-AUG-1987
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 07/830,050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
07/565,544
                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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APPLICATION NUMBER: 07/693,018
                                                                                                                                   ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
CITY: Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
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CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  h 0.3%; Score 15; DB 1; Similarity 71.4%; Pred. No. 4.4e+02; 15; Conservative 3; Mismatches 3
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                                                                                                                                                                                                                                                                                                                                        Meier, Henry
Uick, Heidi Jane
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Randall, John Bro
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DNA (synthetic)
                                                                                                                                                                                                                                                                                                                                                                                John Brooks
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US-09-224-024-11
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US-08-611-928-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 11,
Patent No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 15; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,645
APPLICATION NUMBER: 25-NOV-1991
                                                                                      ZIP: 32606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 530
ATTORNBY/AGENT INFORMATION:
NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: M/SCJ104.C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 904-375-8100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION UNBER: US 07/703,977
FILING DATE: 22-MAY-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin Rel
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 06-MAR-19
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Materials and Methods for the Control of TITLE OF INVENTION: Calliphoridae Pests
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Leslie Hickle APPLICANT: Jewel Payne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                      APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                             STREET: 2421 N.W.
CITY: Gainesville
STATE: FL
                                                                                                                                                                                                                        COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 24-NOV-1993
APPLICATION NUMBER: US 07/887,980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: PC-DOS/MS-DOS
                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
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    Application US/09224024
6056953

                                                                                                                                                                                                                                                                                B: David R. Saliwanchik
2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        21 bases
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                                                                       US/09/224,024
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   08/856,226
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 Mismatches

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Pred. No.
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FILING DATE:

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (synthetic)
US-09-224-024-11
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US-09-173-891-27
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Patent No. 60779
FILING DATE:
CLASSIFICATION:
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/158,232
FILING DATE: 22-MAY-1992
APPLICATION NUMBER: US 07/887,980
FILING DATE: 22-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/797,645
FILING DATE: 25-NOV-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/703,977
FILING DATE: 22-MAY-1991
ATTORNEY/AGENT INFORMATION:
BOTTETE TATALON WITHERED: 21-70.
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PROPERSING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/173,891
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Pu, Jenny
APPLICANT: Pu, Jenny
TITLE OF INVENTION: No. 6077937el Bacillus thuringiensis Toxins Active
TITLE OF INVENTION: Against Hymenopteran Pests
NUMBER OF SEQUENCES: 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Saliwanchik, David R. REGISTRATION NUMBER: 31,794 REFERENCE/DOCKET NUMBER: MA79 TELECOMMUNICATION INFORMATION: TELEPHONE: 904-375-8100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 32606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Gainesville
STATE: FL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: David R. Saliwanchik STREET: 2421 N.W. 41st Street, Suite A-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Meier, Henry
Uick, Heidi Jane
Foncerrada, Luis
Schnepf, H. Ernest
Schwab, George E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Kennedy, M. Keith
Randall, John Brooks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Payne, Jewel

 3; Mismatches

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US-09-730 34, APF-
; Sequence 34, APF-
; Patent No. 6632792
; GENERAL INFORMATION:
; APPLICANT: Schnepf, Harry E.
; APPLICANT: Schnab, George E.
Payne, Jewel M.
Narva, Kenneth E.
The Company of the Com
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Schnepf, Harry E.
APPLICANT: Schnepf, George B.
APPLICANT: Payne, Jewel M.
APPLICANT: Narva, Kenneth E.
APPLICANT: Poncerrada, Luis
TITLE OF INVENTION: No. 6166195el Nematode-Active Toxins and Genes Which Code
TITLE OF INVENTION: Therefor
FILE REFERENCE: MA-20CCCD2
CURRENT APPLICATION NUMBER: US/09/076,137B
CURRENT FILING DATE: 1998-05-12
EARLIER APPLICATION NUMBER: 08/316,301
EARLIER FILING DATE: 1994-09-30
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Watches 15; Conserve
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Best Local Similarity 71.4%;
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TELECOMMUNICATION INFORMATION:
TELEPHONE: ½, 904-375-8100
TELEPAX: 904-372-5800
INFORMATION FOR SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
PRAYURE:
OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
OTHER INFORMATION: probe
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LENGTH: 21 bases
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5271 AAGGAAGTTTATTCAGAAAAT 5291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5271 AAGGAAGTTTATTCAGAAAAT 5291
                                    NUMBER OF SEQUENCES: 40 CORRESPONDENCE ADDRESS:
                                                                                                Foncerrada, Luis
TITLE OF INVENTION: Nematicidal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 AATGAAGTWTATCCWGTWAAT 21
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ADDRESSEE: Jay M. Sanders
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/09076137B
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Pred. No. 4.4e+02
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Pred. No. 4.4e+02
                                                                                                                Proteins
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APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: Daley, George Q.
APPLICANT: MCCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 326
US-09-657-472-964
                                            US-09-657-472-964
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                                                                                                        SEQ ID NO 964
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local S
Query Match
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Patent No. 672706
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
                                                                                                                                                PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Sanders, Jay
REGISTRATION NUMBER: 39,355
REFERENCE/DOCKET NUMBER: MA-20CCCD3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 352-375-8100
TELEFAX: 352-372-5800
INFORMATION FOR SEQ ID NO: 34:
                                                              ORGANISM: Homo sapiens
                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity hes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (SYNTHETIC)
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 09/076,137
FILING DATE: 12-MAY-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/738,363
FILING DATE: 15-Dec-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5271 AAGGAAGTTTATTCAGAAAAT 5291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 21 bases
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 32606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Gainesville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/09657472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
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                                                                                                                                                  for Windows Version 4.0
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0.3%;

 Mismatches

Score 15;
DB 1;
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Length 21;
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RESULT 328
PCT-US94-07902-11
Sequence 11, Application PC/TUS9407902
GENERAL INFORMATION:
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PCT-US92-03624-34
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                                                                                                                                                                                                                                                                             Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 904-372-5800 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                            APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:

NAME: Saliwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: MA20C2C1C1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/03624
FILLING DATE: 1920501
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                 APPLICANT:
                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE:
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   APPLICANT:
                   APPLICANT:
                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                    TYPE: NUCLEIC ACID STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 2421 N.W. CITY: Gainesville
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                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
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                                                                                                                                                                                                                                               5271 AAGGAAGTTTATTCAGAAAAT 5291
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2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                                                                                                                                                                                                      21 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Poncerrada, Luis
VENTION: Novel Nematode-Active Toxins and Genes
                                                                                                                                                                                                                                                                               Conservative
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Payne, Jewel M.
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Phone number: Telex number:
                            Country: U
Postal code/Zip;
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                                                            State/Province:
                                                                                          Street address:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Schnepf, Harry B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               904-375-8100
                                                                                                                                                                                                                                                                                                                                                        DNA (synthetic)
                                                                                                                                                                                                                                                                                           0.3%;
                                                                          San Diego
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                   (619) 453-8030
                                                                                                                                                                                                                                                                                           Score 15;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No. 4.4
1; Mismatches
                                                                                                                                                                                                                                                                               Mismatches
                                                               California
                                                                                           4980 Carroll Canyon Road
                                                                                                                                                                                                                                                                                           4.4e+02;
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                                                                                                                                                                                                                                                                                                              DB 1;
                                                                                                                                                                                                                                                                                                          Length 21;
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                 Fax number: . (619)453-6991
                                                                                                                                                                                                                                                                               <u>,</u>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (synthetic)
PCT-US94-07902-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-469-177-8/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8, Application US/08469177 Patent No. 5607924
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 904-375-810
TELEPAX: 904-372-5800
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: MAGDA, Darren
                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DCS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,177
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Sallwanchik, David R.
REGISTRATION NUMBER: 31,794
REFERENCE/DOCKET NUMBER: MA79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: David R. Saliwanchik
STREET: 2421 N.W. 41st Street, Suite A-1
                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Pharmacyclics, Inc.
STREET: 995 East Arques Avenue
                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
                                                                                                                                                                                                                                                                                                                          APPLICANT: WRIGHT, TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOPTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PCT/US94/07902 FILING DATE: CLASSIFICATION:
                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Gainesville
STATE: FL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 32606
                                                                                                                                                                                            COUNTRY:
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                                                                                                                                                                                   94086
                                                                                                                                                                                                                                  Sunnyvale
                                                                                                                                                                                              California
Y: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    21 bases
                                                                                                                                                                                                                                                                                                                          WRIGHT, Meredith
VENTION: DNA PHOTOCLEAVAGE USING TEXAPHYRINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                               IVERSON, Brent L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                        SANSOM, Petra I.
                    06-JUN-1995
N: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Materials and Methods for the Control of Calliphoridae Pests
                                                                                                                                                                                                                                                                                                           10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3; Mismatches
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Pred. No. 4.4e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1; Length 21;
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DESCRIPTION: /desc = "DNA"
US-08-469-177-8
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                                                                                                                                                                                                                                                                     COMPUTER: IBM COMPALATION
COMPUTER: IBM P.C. DOS 5.0
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WOR'D PREFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
OR/17/ATION NUMBER: 08/245,466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2253,
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                                                                                          APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: December 26, 1992
AFFLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (408) 774-3363
TELEPAX: (408) 774-0340
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Stinch
INFORMATION FOR SEQ ID NO: 2253:
                                               REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: CRACER USING RIBOZYMES
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TELECOMMUNICATION INFORMATION:
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             TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
nes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: 811
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Los Angeles
California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (408) 774-3363
(408) 774-0340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Jarvis, Thale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Draper, Kenneth
McSwiggen, Jame
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/08373124A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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Pred. No. 4.
                                                                                      209/035
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .1e+02
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                                                                                                               JS-08-758-306-953
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Matches
                                                      Matches
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS:
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,30
FILING DATE: December 3, 1996
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
                                                                                                                                                                                     TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                          REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP:
                                                                                                                                                                                                                                 TELEFAX:
                                                                                                                                                                                                                                                                                                                                    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local
                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2518 TTTGGGGCATCAACCACA 2535
                573 GAAGGAGGAGCTGAAGGA 590
18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Los Angeles
: California
                                                                     Similarity
                                                                                                                                                                    18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/08758306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                McSwiggen, James A.
IVENTION: METHOD AND REAGENT FOR THE
IVENTION: TREATMENT OF DISEASES
                                                                                                                                                                                                                                 (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          U.S.A.
                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.3%;
ilarity 88.9%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Stinchcomb,
                                                                                                                                          single
                                                                  0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GAMMA-CHAIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INTERLEUKIN-2 RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ASSOCIATED WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1379
                                                                                                                                                                                                                                                                                                                                                                                                          US/08/758,306
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Pred. No. 4.1e
0; Mismatches
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                                                                   Score 14.8;
Pred. No. 4.
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                                                       Mismatches
                                                                   4.1e+02;
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                                                                                   DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 1;
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                                                                                 Length 18;
                                                       Indels
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US-08-578-709-4
                                                                                                                                                                                                      US-08-435-628-2253/c
                                                                                                                                                                                                                          RESULT 333
                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-578-709-4
                                                                                                                                                                      Sequence 2253, Application US/08435628 Patent No. 5817796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/08578709 Patent No. 5814509
                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: PCT/JP95/00838
PILLING DATE: 27-APR-1995
PRIOR APPLICATION NUMBER: JP 114316/1994
PILLING DATE: 28-APR-1994
ATTORNEY/ACENT INFORWATION:
NAME: Gubinsky, Louis
REGISTRATION NUMBER: 24,835
REGISTRATION NUMBER: 24,835
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (202)293-7860
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                            APPLICANT: Jarvis, TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,709
FILING DATE: 28-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                    APPLICANT:
                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: Q4
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: TANABE, Tadashi
TITLE OF INVENTION: PROSTA
                 NUMBER OF SEQUENCES:
                                                                                                                                    APPLICANT:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                              Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: D.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                  DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
                                                                                                                                                                                                                                                                                                            4457 TGCCTGCAACTACTCTGA 4474
                                                                                                                                                                                                                                                                                                                                              . Similarity
16; Conser
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
                                                                                                  Draper, Kenneth
McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (202) 293-7860
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
                                                                                                                                    Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (202) 293-7060
                                                                                                                                                                                                                                                                                                                                                                                                                               other nucleic acid
/desc = "PRIMER/SYNTHETIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   single
              METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND CANCER USING RIBOZYMES
2627
                                                                                     Thale
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Pred. No. 4.
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                                                                                                                                                                                                                                                                                                                                                                                DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                    DNA"
                                                                                                                                                                                                                                                                                                                                                                              Length 18;
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CITY: Los Angeles STATE: California

STREET: 633 West Fifth Street

COUNTRY:

U.S.A.

90071

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Patent No. 5821124; GENERAL INFORMATION: APPLICANT: Regenere  
APPLICANT: Regents
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-435-628-2253
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3%;
Best Local Similarity 88.9%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
PILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
PILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
PILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
PILING DATE: August 26, 1992
APPLICATION TOPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US
FILING DATE: 05-MAY-15
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08
FILING DATE: January 1
                                                                                                                                                                                                   APPLICANT: Regeneron Pharmaceuticals, Inc. and APPLICANT: Regents of the University of California TITLE OF INVENTION: Dorsal Tissue Affecting Factor and TITLE OF INVENTION: Compositions NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                  STREET: 777 OId :
CITY: Tarrytown
STATE: New York
COUNTRY: U.S.A.
ZIP: 10591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (213) 409-100
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                        ADDRESSEE: Regeneron Pharmaceuticals, Inc STREET: 777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2518 TTTGGGGCATCAACCACA 2535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18 TTTGGGGCATCTGCCACA 1
                                                                                                                                                                                                                                                                                                                                                                                       Application US/08485721
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       08/373,124
Y 13, 1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 14.8; DB 1; Length 18; Pred. No. 4.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            209/035
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RESULT 335
US-08-392-935-18
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CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/485,721
FILING DATE: 07-JUN-1995
CLASSIFICATION : 435
PRIOR APPLICATION DATA: 08/392,935
PRIOR APPLICATION NUMBER: 08/392,935
APPLICATION NUMBER: 02-SEP-1993
APPLICATION UNMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
APPLICATION UNMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
APPLICATION INTERCRUPATION:
NAME: Kemming DATE: 03-SEP-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 18, Application US/08392935 Patent No. 5843775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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APPLICATION NUMBER: PCT/US93/08326
FILING DATE: 02-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kempler Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: Reg 132
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-347-7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:

APPLICANT: Regenter of the University of California APPLICANT: Regents of the University of California TITLE OF INVENTION: Dorsal Tissue Affecting Factor and TITLE OF INVENTION: Compositions NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 914-347-2113
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Kempler Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
REFERENCE/DOCKET NUMBER: Reg 132
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914.347-7000
                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 10591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Tarrytown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Regeneron Pharmaceuticals, Inc
STREET: 777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: CDS
LOCATION: 1...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: unkno
                                                                                                                                                                                                                                                        APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     748 CAGATGGGGCTGAGGTCA 765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                          U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              unknown
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                                                                                                                                                                 PCT/US93/08326
                                                                                                                                                                                                                                                        US/08/392,935
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 14.8; DB 1;
Pred. No. 4.1e+02;
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US-08-863-639A-17; Sequence 17, Applicati; Patent No. 5981185; GENERAL INFORMATION:
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US-09-212-771-36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. COWSETT
TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-1 EXPRESSION
FILE REFERENCE: RTS.-0034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 47
SEQ ID NO 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 36, Application US/09212771
Patent No. 5958773
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/212,771
CURRENT FILING DATE: 1998-12-16
COUNTRY: USA
ZIP: 91101
COMPUTER READABLE FORM:
MEDIUM TYPB: Diskette, 3.5
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 914-347-2113
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                   APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH: 18
                                                                                                                                                                NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                  APPLICANT: Caskey, C. T.
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: DNA
                                                                                                   STREET: 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
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                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                  Application US/08863639A
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                                                                                                                                   225 South Lake Avenue, 9th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                   3.50 inch, 1.44 Mb storage
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Pred. No. 4.1e+02;
0; Mismatches 2;
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US-08-863-639A-17
                                                                                                                          US-08-945-654-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-945-654-10/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1
Patent No.
                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                            Best Local Similarity
                                                                                         Query Match
                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (626) 795-6321 INFORMATION FOR SEQ ID NO:
                                                                                                                                         TOPOLOGY: li
MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PATEN: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9
FILING DATE: 25-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (626) 796-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Corel WordPerfect 8 version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 20 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Joseph E. Mueth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2642 TGCAGCTGCTGCAGC 2659
                            1264 CTACAGCCCCACCACCAC 1281
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18
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6071747
                                                             Conservative
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                                                                                                                                                                          linear
                                                                                                                                          other nucleic acid
/desc = "PRIMER"
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                                                                                                                                                                                    single
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                                                                                                                                                                                                                                                                                                                                                                                Release #1.0, Version #1.30 (EPO)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US/08945654
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                                                           0; Mismatches
                                                                          Score 14.8; DB 1
Pred. No. 4.1e+02
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Pred. No. 4.1e+02
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                                                                                            Length 18;
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                                                              0
                                                              Gaps
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RESULT 339 US-08-897-236-18

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NUMBER OF SEQ ID NOS: 37
; SOFTWARE: FeatSEQ for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: cDNA for use as primers
US-09-177-359-15
Sequence 18, Application US/09167874
Patent No. 6277593
GENERAL INFORMATION:
APPLICANT: Valenzuela et al.
TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACE TREG.32-B
CURRENT APPLICATION UMBER: US/09/167,874
CURRENT FILING DATE: 1998-10-07
EARLIER APPLICATION NUMBER: 08/485,721
EARLIER FILING DATE: 1995-07-06
EARLIER APPLICATION NUMBER: 08/392,935
EARLIER APPLICATION NUMBER: 08/392,935
EARLIER APPLICATION NUMBER: 08/392,935
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US-09-177-359-15
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US-09-167-874-18
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US-08-897-236-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: SINNETT, Daniel
APPLICANT: LABUDA, Damian
TITLE OF INVENTION: DETECTION OF CYPIA1, CYP3A4, CYP2D6 AND
TITLE OF INVENTION: NAT2 VARIANTS BY PCR-ALLELE-SPECIFIC OLIGONUCLEOTIDE (ASO)
TITLE OF INVENTION: ASSAY
FILE REFERENCE: 12667-17"US" FC/ld
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Regeneron Pharmaceuticals, Inc.
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REFERENCE: REG 133
CURRENT APPLICATION NUMBER: US/08/897,236A
CURRENT FILING DATE: 1997-07-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 6183963
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 23
SOFTWARE: PATENTIN VEY. 2.0
SEQ ID NO 18
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%;
Best Local Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 18, Application US/08897236A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/177,359B
CURRENT FILING DATE: 1998-10-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity 88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 14.8; DB 1;
Pred. No. 4.1e+02;
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                                                                                                                                                             FACTOR AND COMPOSITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 18
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APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Dueholm, Kim L.
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISISIST7
CURRENT PILING DATE: 1994-07-15
FRIOR APPLICATION NUMBER: 08/08,591
FRIOR FILING DATE: 1993-11-22
FRIOR FILING DATE: 1993-07-02
FRIOR PILING DATE: 1993-07-02
FRIOR APPLICATION NUMBER: 08/08,661
FRIOR APPLICATION NUMBER: 08/08,661
FRIOR PILING DATE: 1993-07-02
FRIOR APPLICATION NUMBER: 986/91
FRIOR APPLICATION NUMBER: 986/91
FRIOR APPLICATION NUMBER: 986/91
FRIOR FILING DATE: 1992-05-22
FRIOR FILING DATE: 1992-05-22
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US-08-275-951-33/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Egholm, to
APPLICANT: Kiely, Jo
APPLICANT: Griffin,
APPLICANT: Coull, Jo
                                                                                                                                                                                              SOFTWARE: P
SEQ ID NO 33
LENGTH: 18
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EARLIER FILING DATE: 1992-09-23
EARLIER APPLICATION NUMBER: 07/939,954
EARLIER FILING DATE: 1992-09-03
NUMBER OF SEQ ID NOS: 22
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EARLIER FILING DATE: 1993-09-02
EARLIER APPLICATION NUMBER: 07/957,401
EARLIER FILING DATE: 1992-10-06
                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 510 PRIOR FILING DATE: 1991-04-15
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9)...(10)
OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
                                                                                                OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                            TYPE: DNA
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Local Similarity 88.9%;
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Kiely, John
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Pred. No. 4.
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Query Match

0.3%; Score 14.8;

DB 1;

Length 18;

Best Local Similarity

88.9%;

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US-09-500-253B-18
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                                                                                                                                        US-09-422-978-5445
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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APPLICANT: Regeneron Pharmaceuticals, Inc.
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition
FILE REFERENCE: REG 133-Z
CURRENT APPLICATION NUMBER: US/09/500,253B
CURRENT FILING DATE: 2000-02-08
                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6537751

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENERET.02001
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LENGTH: 18
                                                                    Matches
                                                                                                    Query Match
                                                                                                                                                                                                                                                                              SEQ ID NO 5445
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Patent No. 6500640
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                                                                                                                                                                                                                                                                                                NUMBER OF SEQ
                                                                                                                                                                         NAME/KEY: primer_bind LOCATION: 1..18
                                                                                                                                                                                                             ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Primer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                       OTHER INFORMATION: upstream amplification primer 99-26002 for SEQ 1511.
                                                                                                                                                                                                                                                                 LENGTH: 18
                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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                                  4406 AGAAAGATGAGACTCTGG 4423
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                                                                                    Similarity
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                                                                    Conservative
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ilarity 88.9%;
Conservative
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Pred. No. 4.1e
0; Mismatches
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Pred. No. 4
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0; Mismatches 2;
                                                                    Mismatches
                                                                                    4.1e+02;
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6099, Application US/09422978 Patent No. 6537751
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Best Local
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EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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CURRENT APPLICATION NUMBER: US/09/422,978
TELEFAX: 914-347-2113
INFORMATION FOR SEQ ID NO:
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: upstream amplification primer 99-8910 for SEQ 2165
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                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Kempler Ph.D., Gail M.
REGISTRATION NUMBER: 32,143
                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                    TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                        STREET: 777 Old
CITY: Tarrytown
                                                                                                                                                 APPLICATION NUMBER: PCT/FILING DATE: 02-SEP-1993 CLASSIFICATION:
                                    TELEPHONE:
                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application PC/TUS9308326
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777 Old Saw Mill River Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Valenzuela, et al.
WENTION: Dorsal Tissue Affecting Factor and
                                      914-347-7000
                                                                                                                                                                                                                                                                               Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.3%;
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Pred. No. 4.1e
0; Mismatches
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INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
CHORGH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TYPOPOLOGY: linear
MOLECULE TYPE: DNA (genomi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-849-021-67/c
Sequence 67, Application US/08849021
Patent No. 595276
GENERAL INFORMATION:
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Best Local Similarity 88.9%;
Matches 16; Conservative
                                                  Matches
                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                       COMPUTER: IS FOR PATIBLE
COMPUTER: IS PATENT IN RELEASE #1.0, VER.
SOFTWARE: PATENT IN RELEASE #1.0, VER.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/849,021
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,456
FILING DATE: 28 NOVEMBER 1994
APPLICATION NUMBER: 33,692
APPLICATION INFORMATION:
NAME: FLOYD, LINDA AXAMETHY
REGISTRATION NUMBER: 33,692
REFERENCE/DOCKET NUMBER: BB-1064-A
TELEPHONE: 302-992-8112
TELEPHONE: 302-992-7949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MORGANTE, MICHELE
APPLICANT: VOGEL, JULIE M.
TITLE OF INVENTION: COMPOUND MICROSATELLITE
TITLE OF INVENTION: DETECTION OF GENETIC
TITLE OF INVENTION: DOLLMORPHISMS
NUMBER OF SEQUENCES: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: WILMINGTON STATE: DELAWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: E. I. DI
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                                                               Score 14.8;
Pred. No. 4.
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Pred. No. 4
                                                  Mismatches
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                                                               4.3e+02
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PATENT NO. 6458536

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Richard A. Gatti
TITLE OF INVENTION: METHODS FOR DETECTION OF ATI
TITLE OF INVENTION: TELANGIECTASIA MUTATIONS
FILE REFERENCE: 510015-222
CURRENT APPLICATION NUMBER: US/09/360,416
CURRENT FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 143
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 136
LENGTH: 19
TYPE: DNA
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US-09-907-794A-286
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FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
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Patent No. 66
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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Botstein, David
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Stewart, Timothy A.
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Filvaroff, Bllen
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Baton, Dan L.
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Pred. No. 4.3e+02;
0; Mismatches
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RESULT 350
US-09-905-125A-286
; Sequence 286, App
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SEQ ID NO 286
LENGTH: 19
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
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FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US00/00219
FILING DATE: 2000-01-05
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FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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FILING DATE: 1999-12-16
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                                                                Kljavin, Ivar J.
Mather, Jennie P.
                                                                                Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
                                                                                                                       Godowski, Paul J.
Grimaldi, Christopher J.
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            Roy, Margaret Ann
Stewart, Timothy A.
                                                     Pan, James
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                                        Paoni,
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                                        Nicholas F.
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ff, Ellen
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Pred. No. 4
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RESULT 351
US-09-495-714C-90/c
US-09-495-714C-90/c
; Sequence 90, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
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APPLICANT: University Technologies International Inc.
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1
FILE REFERENCE: 45499.4 (formerly 45074.6)
CURRENT APPLICATION NUMBER: US/09/495,714C
CURRENT FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 138
SOFTWARE: PatentIn version 3.1
SEQ ID NO 90
LENGTH: 19
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SEQ ID NO 286
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Best Local Similarity
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PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
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CURRENT APPLICATION NUMBER: US/09/905,125A
CURRENT FILING DATE: 2001-07-12
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PRIOR FILING DATE: 2000-01-05
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PRIOR APPLICATION NUMBER: PCT/US99/21090
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APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/30095
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                                                                                                                                                                                                                                                                                                                                                                                                                                     16;
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Pred. No. 4
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CURRENT APPLICATION NUMBER: US/09/902,775A
CURRENT PILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR PILING DATE: 1999-09-08
PRIOR PILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR PILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/21547
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Best Local Similarity 88.9%;
Matches 16; Conservative
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
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ORGANISM: Homo sapiens
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OR APPLICATION NUMBER: PCT/US99/23089
OR FILING DATE: 1999-10-05
OR PILICATION NUMBER: PCT/US99/28214
OR APPLICATION NUMBER: PCT/US99/28213
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR APPLICATION NUMBER: PCT/US99/28565
OR APPLICATION NUMBER: PCT/US99/28565
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Hillan, Kenneth, J.
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Filvaroff, Ellen
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Pred. No. 4.
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PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION UNMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR PILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
                               CURRENT APPLICATION NUMBER: US/09/906,700
CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
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Patent No. 6723539
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SEQ ID NO 286
LENGTH: 19
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                                                                                                                                                                                                                        APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, I.
TITLE OF INVENTION: Secreted and Transmembrane
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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les 16; Conservative
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APPLICATION NUMBER: PCT/US99/20594 FILING DATE: 1999-09-08
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Stewart, Timothy A.
Tumas, Daniel
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Grimaldi, Christopher
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Filvaroff, Ellen
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Baton, Dan L.
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Best Local S
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 286
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 286, Application US/09903603A Patent No. 6767995
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TYPE: DNA
ORGANISM: Artificial Sequence
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RAPPLICATION NUMBER: PCT/US99/28313

DR FILING DATE: 1999-11-30

DR APPLICATION NUMBER: PCT/US99/28564

DR FILING DATE: 1999-12-02

DR FILING DATE: 1999-12-02

DR FILING DATE: 1999-12-02

DR FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
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    Williams, P. Mickey
    Wood, William, I.
    INVENTION: Secreted and Transmembrane Polypeptides and Nucleic INVENTION: Acids Encoding the Same

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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Botstein, David
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Grimaldi, Christopher J.
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                                                                                    Tumas, Daniel
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                                                                                                  Margaret Ann
art, Timothy A.
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f, Ellen
                                                                                                                                                                                                                                          Paul J.
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Pred. No. 4.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4.3e+02;
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                                                                                                                                                                                                                                                                                                                                         US-07-940-242A-70/c
                                                                                                                                                                                                                                                                                                                                                             RESULT 355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 286
LENGTH: 19
                                                                                                                                                                                                                                                                      Sequence 70, Application US/07940242A Patent No. 5427909 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/145,698 PRIOR FILING DATE: 1999-07-26 PRIOR APPLICATION NUMBER: US 60/146,222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: GNE.1618P2C12
CURRENT APPLICATION NUMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                                                                           TITLE OF INVEST. 199
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Beveridge, DeGrandi, Weilacher & Young
ADDRESSEE: Maco M Street, N.W. (Suite 800)
                                                                                                                                                                     APPLICANT: OKAMOTO, Hiroaki
APPLICANT: NAKAMURA, Tetsuo
TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION
TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES
COMPUTER READABLE FORM:
                                                       STREET: 1850 M St
CITY: Washington
STATE: D.C.
                   COUNTRY: U
ZIP: 20036
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1999-12-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1999-12-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US99/28564
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FILING DATE: 1999-10-05
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Pred. No. 4.3e+02
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SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/940,242A
FILING DATE: 08-SEP-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UP 307296/91
FILING DATE: 09-SEP-1991
PRIOR APPLICATION NUMBER: UP 307296/91
PRIOR APPLICATION NUMBER: UP 307296/92
FILING DATE: 09-SEP-1991
PRIOR APPLICATION NUMBER: UP 093960/92
FILING DATE: 28-EEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Weilacher, Robert G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 71, Application US/07940242A Patent No. 5427909
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 307296/91
PILING DATE: 09-SEP-1991
PRICHER APPLICATION DATA:
APPLICATION NUMBER: JP 093960/92
PILING DATE: 28-FEB-1992
APPLICATION NUMBER: JP 093960/92
PILING DATE: 28-FEB-1992
ATTONNEY/AGENT INFORMATION:
NAME: Weilscher, Robert G.
REGISTRATION NUMBER: 06/87-480:
TELEPHONE: (202) 659-2811
TELEPHONE: (202) 659-1462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: OKAMOTO, Hiroaki
APPLICANT: NAKAMURA, Tetsuo
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOPTWARE: PATENTIA NUMBER: US/07/940,242A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES NUMBER OF SEQUENCES: 99
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CITY: Washington
STATE: D.C.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
ZIP: 20036
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COMPUTER: IB
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1850 M Street, N.W. (Suite 800)
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                                                          US-07-940-242A-72
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                                                                                                                TELEX: WUI 64470
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base Type
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: WUI 64470
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 307296/91
APPLICATION NUMBER: JP 307296/91
PRIOR APPLICATION NUMBER: JP 093960/92
APPLICATION NUMBER: JP 093960/92
PILING DATE: 28-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Wellacher, Robert G.
REGISTRATION NUMBER: 20,531
REGISTRATION NUMBER: 20,531
REGISTRATION NUMBER: 06/87-48095
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
Query Match
Best Local Similarity
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REFERENCE/DOCKET NUMBER: 06/87-48095
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 659-2811
TELEPAX: (202) 659-1462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/940,242A
FILING DATE: 08-SEP-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: OLIGONUCLECTIDES AND DETERMINATION TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
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Local Similarity 88.9%;
                                                                           STRANDEDNESS:
TOPOLOGY: 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
TOPOLOGY: 11:
                                                                                                                                                                                                                           TELEPHONE:
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TT: 1850 M Street, N.W. (Suite 800)
Washington
                                                                                                           nucleic acid
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                                                                                                                                                                                                          (202) 659-28
(202) 659-1462
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   0.3%;
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   Score 14.8; DB 1;
Pred. No. 4.5e+02;
                   Length 20;
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RESULT 359
US-08-126-593A-6
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                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 16; Conserval
Sequence 6, Application US/08126593A
Patent No. 5527700
GENERAL INFORMATION:
APPLICANT: Kaslow, David C.
APPLICANT: Duffy, Patrick E.
APPLICANT: Duffy, Patrick E.
TITLE OF INVENTION: Target Antigens of Transmission-Blocking
TITLE OF INVENTION: Antibodies for Malaria Parasites
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/940,242A
FILING DATE: 08-SEP-1992
CLASSIFICATION DATA:
APPLICATION NUMBER: UP 307296/91
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UP 307296/91
PILING DATE: 09-SEP-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UP 093960/92
PILING DATE: 28-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: Weilacher, Robert G.
REGISTRATION NUMBER: 05-531
REFERENCE/DOCKET NUMBER: 06/87-48095
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: WUI 64470
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: OLIGONUCLECTIDES AND DETERMINATION TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES NUMBER OF SEQUENCES: 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: OKAMOTO, I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (202) 659-1462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1850 M St
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Beveridge, DeGrandi, Weilacher & Young
STREET: 1850 M Street, N.W. (Suite 800)
                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
                                                                                                                                                                                                                                          801 TCCCTCATTCCCCTACAG 818
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                801 TCCCTCATTCCCCTACAG 818
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                                                                                                                                                                                                       20 TCCCTCGTTCCCATACAG 3
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                                                                                                                                                                                                                                                                                                                                                                                                                             20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                         linear
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                                                                                                                                                                                                                                                                                                                                                                                   single
                                                                                                                                                                                                                                                                                               0.3%; Score 14.8;
88.9%; Pred. No. 4.
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                                                                                                                                                                                                                                                                                Mismatches
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                                                                                                                                                                                                                                                                                                                  DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Bastian, Kevin L.
REGISTRATION NUMBER: 34,774
REFERENCE/DOCKET NUMBER: 1528
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 543-9600
TELEPEAX: (415) 543-5043
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Applic Patent No. 5753238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Street Tower
                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                    STREET: Two Embarcac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: 1..20 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: 22-SE
                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: -
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: San Francisco
       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IOPOLOGY:
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                                                                                                                                 94111-3834
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                                                                                                                                                                   California
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                                                                                                                                                                                                                                                                                                                                     David C.
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APPLICANT: Duffy, Patrick E.
TITLE OF INVENTION: Target Antigens of Transmission Blocking
TITLE OF INVENTION: Antibodies for Malaria Parasites
NUMBER OF SEQUENCES: 10
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PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/912,294
PILING DATE: 10-JUL-1992
ATTORNEY/AGENT INFORMATION:
ANALY.
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1447 GGACATTTAATTGAGATCAG 1466
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US/08/454,039A
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Pred. No. 4.
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Best Local Similarity
                                                                                                           COUNTRY: USA
COUNTRY: USA
COUNTRY: USA
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHITIN Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,371
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/751,230
PILING DATE:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US 07/
FILING DATE: 10-UTL-1992
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 08/
FILING DATE: 22-SEP-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                     ATTORNEY/AGENT INFORMATION:
NAME: MOOL, Legile A.
REGISTRATION NUMBER: 37,047
REFERENCE/DOCKET NUMBER: 021
                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR TITLE OF INVENTION: SUPPRESSOR GENE ING1
TELECOMMUNICATION INFORMATION: TELEPHONE: 415-854-7400
                                                                                                                                                                                                                                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1447 GGACATTTAATTGAGATCAG 1466
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Riabowol, Karl
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Pred. No. 4.5e+02
5; Mismatches
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                                         028722-144
                                                                                                                                                                                                                                                Version #1.30
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; MOLECULE TYPE: other nucleic acid US-09-258-371-17
                                                                                                                  ; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-38
                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 363
US-09-357-070-38/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-073-22
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                                                                                                                                                                                                GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Lex M. Cowsert

TITLE OF INVENTION: ANTISENSE MODULATION OF PI3 KINASE P110 DELTA EXPRESSION

PILE REPERBUCE: RTS-0076

CURRENT APPLICATION NUMBER: US/09/357,070

CURRENT FILING DATE: 1999-07-19

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 38

LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                   Sequence 38, Application US/09357070 Patent No. 6046049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 47
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0086
CURRENT APPLICATION UNMEER: US/09/357,073
CURRENT FILING DATE: 1999-07-19
                                                    Matches
                                                                 Query Match
Best Local Similarity
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Best Local Similarity
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3091 CTTGCCTTTGGGCTGAGA 3108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4326 AAGCCCTGGAGAAGACCA 4343
319 GGCTCCTCCCTCCCTGG 336
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                                                    16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 CTTGCCTTTCGACTGAGA 18
                                                    Conservative
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                                                                 0.3%;
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                                                Score 14.8; DB 1;
Pred. No. 4.5e+02;
                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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Pred. No. 4.5e+02
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Pred. No. 4.5e+02;
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                                                                               Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
FILE REFERENCE: RTS-0049
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 96, Application US/09289267A
Patent No. 6046320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/289, 267A CURRENT FILING DATE: 1999-04-04
                                                                                                         TELEFAX: (415) 397-8338 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: INGOLIA, Diane B.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: UM-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/746,111
FILING DATE: 06-NOV-1996
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 44v ....
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Compositions And Methods For Screening TITLE OF INVENTION: Compounds For Anticoagulant Activity NUMBER OF SEQUENCES: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
                                                                     TYPE: nucleic acid
DESCRIPTION:
                                  STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5412 AAAATGAAAATAAAGGAA 5429
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ginsburg, David
Cui, Jisong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                United States of America
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other nucleic acid
/desc = "DNA"
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Pred. No. 4.
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APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 17, Application US/08751230 Patent No. 6117633
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SEQ ID NO 79
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Best Local Similarity
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/569721
FILING DATE: 08-DEC-1995
                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENLIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                      COUNTRY: USA
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
FILING DATE: 08-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Garkavtsev APPLICANT: Riabowol,
                                                                                                                                                                                                                                                                              STREET:
CITY: Al
                                                                    CLASSIFICATION:
                                                                                    APPLICATION NUMBER: FILING DATE: 15-NOV
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                                                                                                      US/08/751,230
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Pred. No. 4.5e+02.
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Pred. No. 4.5e+02;
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US-09-499-082-17/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-418-641-32
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                                                                                                                                                                                                                                                                               Sequence 17, App...
Sequence 17, App...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: RTS-0105
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 415-854-8275
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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TELEPHONE: 415-854-7400
                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane,
STREET: 699 Prince Street
                                                                                                                                                                                                APPLICANT: Riabowol, Karl
APPLICANT: Johnston, Randall N.
APPLICANT: Garkavtsev, Igor
                                                                                                                                                                                                                                   APPLICANT: Helbing, Caren C. APPLICANT: Riabowol, Karl
                                                                                                                                                                     TITLE OF INVENTION: METHODS OF MODULATING APOPTOSIS NUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                    COUNTRY: USA
ZIP: 22313-1404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                        531 CGGAGCCTGGGGCCGCCT 548
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                                                                                                   Alexandria
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                                                                                                                                                                                                                                                                                                     Application US/09499082
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 14.8; DB 1;
Pred. No. 4.5e+02;
0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 14.8; DB 1
Pred. No. 4.5e+02
0; Mismatches
                                                                                                                                     Swecker & Mathie
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                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide US-09-444-053-74
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                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 370
                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/444,053A
CURRENT FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 74
LENGTH: 20
                                                              Query Match
Best Local Similarity
Matches 16; Conserv
                                                                                                                                                                                                                                                                                                                                                             Sequence 74, Application US/09444053A Patent No. 6165728
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid -09-499-082-17
                                                                                                                                                                                                                                                                                               APPLICANT: Donna T. Ward
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2
FILE REFERENCE: RTS-0122
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: 650-854-74
TELEPAX: 650-854-8275
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-854-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 08/569721
FILING DATS: 08-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: MOOI, Leslie A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PILING DATE: 27-MAR-1997
APPLICATION NUMBER: US 08/751230
PILING DATE: 15-NOV-1996
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 27-MAR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/499,082
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
nes 16; Conserv
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                         4251 TGAGGAAGTCACCTTCCA 4268
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TGAGGAAGTCGCCCTCCA 20
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                                                              Conservative
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                                                                               Score 14.8; DB 1;
Pred. No. 4.5e+02;
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Pred. No. 4.
                                                                Mismatches
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                                                                                                                                                                                                                                                                                                                    EXPRESSION
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                                                                Gaps
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RESULT 371
US-09-428-219-82/c
y Sequence 82, Application US/09428219
patent No. 6177273
GENERAL INFORMATION:

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US-09-428-219-82
                                                                                                                                                                                                                                                                                                      RESULT 373
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NUMBER OF SEQ 1
SEQ ID NO 79
LENGTH: 20
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SEQ ID NO 82
LENGTH: 20
                                                                                                                                                                                                                                          Sequence 79, Application US/09313932A Patent No. 6228642
                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 16; Conserv
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CURRENT FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 177
SEQ ID NO 163
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Best Local
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APPLICANT: Madeline M. Butler
APPLICANT: Jacqueline Myatt
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
                                                                                          APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                    CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
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CURRENT APPLICATION NUMBER: US/09/428,219
CURRENT FILING DATE: 1999-10-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 4.5e+02
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Pred. No. 4
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SEQ ID NO 306
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                        Sequence 17, Application US/09258372 Patent No. 6238918
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Patent No. 622864
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
CURRENT APPLICATION NUMBER: US/09/313,932A
CURRENT FILING DATE: 1999-05-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -09-313-932-306
                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Garkavtsev, Igor
APPLICANT: Riabowol, Karl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Synthetic
                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, STREET: 699 Prince Street
                               SOPTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,372
                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
FILING DATE:
CLASSIFICATION:
                                                                                                                                             COUNTRY: USA
ZIP: 22313-1404
                                                                                                                                                                                           CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
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                                                                                                                                                                                                                                                                           DNA SEQUENCE ENCODING THE SUPPRESSOR GENE ING1
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Pred. No. 4.5e+02;
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Pred. No. 4.
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PRIOR APPLICATION DATA:

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                                                               US-09-658-679A-53
                                                                                                                                                                                                                                                                                                                                                 RESULT 381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) OTHER INFORMATION: Antisense Oligonucleotide US-09-792-594-60
 Best Loc
Matches
                                                                                                                                                                                                                    Sequence 53, Application US/09658679A
PATENT NO. 6444464
GENERAL INFORMATION:
APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OP INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
FILE REFERENCE: RTS-0186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/792,594
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                        CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILLING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 53
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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LENGTH: 20
                                Query Match
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CURRENT APPLICATION NUMBER: US/09/702,327
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Watt
TITLE OP INVENTION: ANTISENSE MODULATION OF RECOL4 EXPRESSION
FILE REFERENCE: RTS-0209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                             FEATURE:
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                                                                              OTHER INFORMATION:
                Local
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les 16; Conserv
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Conservative
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Score 14.8; DB 1
Pred. No. 4.5e+02
0; Mismatches
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Pred. No. 4.5e+02;
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Pred. No. 4.5e+02;
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....LCANT: Pedersen, Henrik
; TITLE OF INVENTION: Oxaloacetate Hydrolase Deficient Fungal Host Cells
; FILE REFERENCE: 5789-200-US
; CURRENT APPLICATION NUMBER: US/09/501,612A
; CURRENT FILING DATE: 2000-02-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
SEQ ID NO 26
LENGTH: 20
TYPE: num
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                                                                                                                  ; OTHER INFORMATION: Primer US-09-501-612A-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: synthetic construct US-09-428-236-9
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
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APPLICANT: Dempcy, Robert, O.
APPLICANT: Afonina, Irina A.
APPLICANT: Vermeulen, Nicolaas M.
TITLB OF INVENTION: HYBRIDIZATION-TRIGGERED FLUORESCENT
TITLB OF INVENTION: DETECTION OF NUCLEIC ACIDS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 9, Application US/09428236 Patent No. 6472153
                                                        Matches
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Best Local (
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CURRENT APPLICATION NUMBER: US/09/428,236
CURRENT FILING DATE: 1999-10-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial
FEATURE:
                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                               FEATURE:
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Pred. No. 4.5e+02;
0; Mismatches 2
                                                                       Pred.
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Pred. No. 4
                                                                       4.5e+02
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RESULT 384 US-09-060-299-344

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Sequence 344, Application US/09060299 Patent No. 6545137

GENERAL INFORMATION:

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APPLICANT: No. 6307024ak, Julia E.

APPLICANT: Sprecher, Cindy A.

APPLICANT: Sprecher, Cindy A.

APPLICANT: Foster, Donald C.

APPLICANT: Holly, Richard D.

APPLICANT: Holly, Richard D.

APPLICANT: Johnston, Janet V.

APPLICANT: Johnston, Janet V.

APPLICANT: Hammond, Angela K.

APPLICANT: Hammond, Angela K.

TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAII LIGAND FILE REFERENCE: 99-16

CURRENT APPLICATION NUMBER: US/09/522,217

CURRENT APPLICATION NUMBER: US 60/123,547

EARLIER APPLICATION NUMBER: US 60/123,904

EARLIER FILING DATE: 1999-03-09

EARLIER FILING DATE: 1999-03-11

EARLIER FILING DATE: 1999-03-11

EARLIER FILING DATE: 1999-07-01

NUMBER: US 60/123,904
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                                                                                                                                                ; OTHER INFORMATION: Oligonucleotide primer ZC19572
US-09-522-217-15
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                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 115
SOFTWARE: PASTSEQ for Windows Version 3.0
SEQ ID NO 15
LENGTH: 20
                                                                          Matches
                                                                                          Query Match
Best Local Similarity
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Best Local Similarity 88.9%;
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                        TYPE: DNA
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LENGTH: 20 base pairs
TYPB: nucleic acid
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MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: 415-854-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: MOOI, Leslie A. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE:
                       5157 CCTCTGGCTGTGTCACAG 5174
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CCTGTGGCTGTCTCAG 20
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                                                                        Conservative
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                                                                       0; Mismatches
                                                                                          Score 14.8; DB 1
Pred. No. 4.5e+02
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Pred. No. 4.5e+02
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RESULT 377 US-09-496-694B-194/c

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Sequence 4, Application US/08108591B
Patent No. 6395474
GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Byolan Michael
APPLICANT: Helsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
FILE REFERENCE: 15150540
CURRENT APPLICATION NUMBER: US/08/108,591B
CURRENT FILING DATE: 2001-08-13
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                                                                                                                               RESULT 379
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 194
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
                                                                     Sequence 54, Application US/09702327 Patent No. 6426220
                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 20
                                                                                                                                                                                                                                                          Matches
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APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/496,694B CURRENT FILING DATE: 2000-02-02
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                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 4.5e
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Pred. No. 4.5e+02;
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US-09-402-923A-344
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                                                                                                                                                                                                            Sequence 344, Applicat Patent No. 6555654
GENERAL INFORMATION:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
ADDITION TO DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metrker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 62
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US 60/048,740 FILING DATE: 05-JUN-1997 ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CTTY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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     TITLE OF
                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                  4793 TCCTGCCACTCAGCAGCT 4810
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Similarity 88.9%;
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                                                                                                                                                                                                                                                   Application US/09402923A
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Hammond, Holly
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Hess, John W
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Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
INVENTION: No. 6555654el LDL-Receptor
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                                                                                                                                                                        Todd, John A
Hess, John W
                                                                                              Gerhold, David
Hammond, Holly
                                                                                                                                                       Caskey, Charles
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Sequence 1502, Application US/09198452A
Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffeis, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: and treatment of infection
FILTLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-99
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1502
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
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                                                              Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local (
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APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-UUN-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-UUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REGISTRATION NUMBER: 36,663
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nes 16; Conserv
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ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEPAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
2487 GACGCTAGAAGCATATGG 2504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4793 TCCTGCCACTCAGCAGCT 4810
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STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                 Conservative
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                                                                                     0.3%;
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                                                                                     Score 14.8; DB 1;
Pred. No. 4.5e+02;
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Pred. No. 4.
                                                                   Mismatches
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                                                                   Gaps .
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US-09-404-641-17/c

US-09-404-641-17/c

; Sequence 17, Application US/09404641

; Patent No. 6576744
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Best Local Similarity
Matches 16; Conserve
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2641
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APPLICANT: Griffals, R.
APPLICANT: INTENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                Query Match
Best Local S
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SEQ ID NO 2641
LENGTH: 20
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2641, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                             OTHER INFORMATION: Oligonucleotide primer ZC19572
-09-404-641-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: US 60/100,896
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: US 60/123,546
PRIOR FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: US 60/142,574
PRIOR FILING DATE: 1999-07-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Presnell, Scott R.
APPLICANT: Conklin, Darrell C.
APPLICANT: No. 6576744ak, Julia E.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
FILE REFERENCE: 98-55
CURRENT APPLICATION NUMBER: US/09/404,641
                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 91
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                Local Similarity 88.9%;
                                                                                                                                                       5157 CCTCTGGCTGTGTCACAG 5174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         558 CTTGGAGTTCCTGAAGAA 575
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Pred. No. 4
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Pred. No. 4.5e+02;
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NUMBER OF SEQ ID NOS: 91
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 57, Application US/09081385 Patent No. 6593456
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No.
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILE REFERENCE: 98-55
CURRENT APPLICATION NUMBER: US/09/404,641
CURRENT FILING DATE: 1999-09-23
PRIOR APPLICATION NUMBER: US 60/100,896
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: US 60/123,546
PRIOR APPLICATION NUMBER: US 60/123,546
PRIOR FILING DATE: 1999-03-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factor
TITLE OF INVENTION: of Use
NUMBER OF SEQUENCES: 154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: .No. 6576744ak, Julia E.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHAll
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/142,574
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20
                                                                                                                                                                                                                                                                            OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                     ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
               REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 220
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                       FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/9
FILING DATE: 05-NOV-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                            FILING DATE: 05-NUV-12. APPLICATION NUMBER: 60/030,761
                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                        COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
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Palo Alto
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650-494-0792
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                                                                                                                                                                                                                                                                                                                                    IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Factors Altering Tumor Necrosis
Factor Receptor Releasing Enzyme Activity, and Methods
of Use Thereof
                                                                                                                                                                                  08/964,747
                                                                                                                                                                                                                                                              US/09/081,385
                                                        22000-20577.21
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Pred. No. 4.5e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
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US-09-907-794A-222
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                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Oligonucleotide primer ZC19572
US-09-923-246-15
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
                                                                                                               GENERAL INFORMATION:
                                                                                                                            Sequence 222, Application US/09907794A Patent No. 6635468
                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 88.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 115
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE: EARLIER APPLICATION NUMBER: PRIOR APPLICATION NUMBER: EARLIER PILING DATE: 2000-03-09
PRIOR PILING DATE: EARLIER PILING DATE: 2000-03-19
PRIOR PILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR PILING DATE: EARLIER FILING DATE: 1999-03-11
PRIOR PILING DATE: EARLIER FILING DATE: 1999-07-01
PRIOR PILING DATE: EARLIER FILING DATE: 1999-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: No. 6605272ak, Julia B. APPLICANT: Presentl, Scott R. APPLICANT: Sprecher, Cindy A. APPLICANT: Foster, Donald C. APPLICANT: Holly, Richard D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS;
LENGTH: 20 base pairs
TYPB: nucleic acid
TYPB: nucleic single
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/923,246 CURRENT FILING DATE: 2001-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 atent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 99-16
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6605272
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Gross,
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Dillon, Stacey R.
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llarity 88.9%;
Conservative
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Pred. No. 4.
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Pred. No. 4.
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CURRENT APPLICATION NUMBER: US/09/907,794A
CURRENT FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-09
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21089
PRIOR APPLICATION NUMBER: PCT/US99/21089
PRIOR APPLICATION NUMBER: PCT/US99/21089
PRIOR APPLICATION NUMBER: PCT/US99/21089
PRIOR APPLICATION NUMBER: PCT/US99/20814
PRIOR APPLICATION NUMBER: PCT/US99/2014
                                                                                                 US-09-907-794A-222
                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 423
SEQ ID NO 222
LENGTH: 20
Best Local Similarity Matches 16; Conserv
                                              Query Match
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OP INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OP INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION UNMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT
                                                                                                                   FEATURE: OTHER INFORMATION: Description of Artificial OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 1999-12-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: PCT/US99/28565
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Stewart, Timothy A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kljavin, Ivar J.
Mather, Jennie P.
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Grimaldi, Christopher
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Gao, Wei-Qiang
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  Conservative
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                         Score 14.8;
Pred. No. 4.
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                    4.5e+02;
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                                           Length 20;
  Indels
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  Gaps
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PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR TLING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR PILING DATE: 1999-09-15
PRIOR PPLICATION NUMBER: PCT/US99/23089
PRIOR PILING DATE: 1999-10-05
PRIOR PILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28313
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APPLICANT: Wood, William, I.
APPLICANT: Wood, William, I.
TITLE OP INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,125A
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR PILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
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APPLICANT:
APPLICANT:
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PRIOR TILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
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                                        DR APPLICATION NUMBER: PCT/US99/28565

R FILLING DATE: 1999-12-02

DR APPLICATION NUMBER: PCT/US99/30095

DR FILING DATE: 1999-12-16

DR APPLICATION NUMBER: PCT/US99/30911

DR FILING DATE: 1999-12-20

DR APPLICATION NUMBER: PCT/US99/30999
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FILING DATE: 1999-12-02
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US00/00219
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6664376
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Hillan, Kenneth, J.
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f, Ellen
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                                                                       S
                                                                                                                                                                  , OTHER INFORMATION: Oligonucleotide primer ZC19572
US-10-295-723-15
RESULT 395
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SEQ ID NO 222
LENGTH: 20
                                                                                                                    Best
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: No. 6686178ak,
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                                                                                                        Matches
                                                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/123,904
PRIOR FILING DATE: 1999-03-11
PRIOR APPLICATION NUMBER: US 60/142,013
PRIOR FILING DATE: 1999-07-01
                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/295,723
CURRENT FILING DATE: 2002-11-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Johnston, Janet V.
APPLICANT: Nelson, Andrew J.
APPLICANT: Dillon, Stacey R.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 60/123,547
PRIOR FILING DATE: 1999-03-09
                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 09/522,217
                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 99-16
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                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                    Local
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16; Conserv
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                                                                                                                      Similarity
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Sprecher, Cindy A.
Foster, Donald C.
Holly, Richard D.
Gross, Jane A.
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Pred. No. 4.
                                                                                                                      Score 14.8;
Pred. No. 4
                                                                                                        Mismatches
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US-09-902-775A-222

Sequence 222, Application US/09902775A Patent No. 6686451 GENERAL INFORMATION:

APPLICANT:

APPLICANT: Genentech, APPLICANT: Ashkenazi

Ashkenazi, Avı Ashrein, David

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PRIOR FILING PRIOR PRIOR APPLICATION NUMBER: 1999-07-07
PRIOR PILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
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SEQ ID NO 222
LENGTH: 20
Query Match
Best Local Similarity
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PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
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                                                                                OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
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FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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FILING DATE: 1999-09-08
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FILING DATE: 1999-12-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/28565
                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/30911
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Williams, P. Mickey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gurney, Austin L.
Hillan, Kenneth, J.
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Mather, Jennie P.
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rt, Timothy A.
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                                                                            Description of Artificial Sequence: Synthetic oligonucleotide probe
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f, Ellen
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Score 14.8; DB 1;
Pred. No. 4.5e+02;
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Query Match
Best Local Similarity
Matches 16; Conserv?
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US-10-414-186-17/c
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SOFTWARE: FastSEQ
SEQ ID NO 17
LENGTH: 20
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SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 15
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Patent No. 6692924
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Patent No. 66929
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APPLICANT: No. 6692924ak, Julia E.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
FILE REFERENCE: 98-55
CURRENT ADDITORMAN
                                                           PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: BARLIER FILING DATE: 1998-09-23 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PRIOR FILING DATE: BARLIER FILING DATE: 1999-07-06 NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                         APPLICANT: No. 6692924ak, Julia B.
APPLICANT: Hammond, Angela K.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZAPLHA11
FILE REFERENCE: 98-55
                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/10/414,186
CURRENT FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: US/09/404,641
PRIOR FILING DATE: 1999-09-23
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APPLICANT: Conklin,
APPLICANT: No. 6692
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PRIOR APPLICATION NUMBER: US/09/404,641
PRIOR FILING DATE: 1999-09-23
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CURRENT FILING DATE: 2003-04-14
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                                                                                                                                                                                                                                                                                                                                                         Darrell (
                                           Windows Version 3.0
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Pred. No. 4
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-414-186-17
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                                                                                                            NUMBER OF SEQ ID NOS: 43
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENGTH: 20
                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Buchardt, Ole
APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Nielsen, Peter Eigil
APPLICANT: Berg, Rolf Henrik
TITLE OF INVENTION: Peptide Nucleic Acids
FILE REFERENCE: ISIS-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 4, Application US/08462977B Patent No. 6713602
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Best Local Similarity 88.9%;
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Best Local Similarity
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                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/08/462,977B
CURRENT FILING DATE: 1995-06-05
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
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APPLICANT: Egholm, Michael
APPLICANT: Nielsen, Peter E.
APPLICANT: Berg, Rolf H.
TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS
FILE REFERENCE: ISPS-1999
NAME/KEY: misc_feature
OTHER INFORMATION: No. 6713602el Sequence
.08-462-977B-4
                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                              TYPE: DNA
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Pred. No. 4.5e
0; Mismatches
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Pred. No. 4.5e+02
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CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILLING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                                                                                                                                                       PRIOR PILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
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                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                   FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
                                 FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
                                                                       APPLICATION NUMBER: PCT/US99/28564
                                                                                            FILING DATE: 1999-11-30
                                                                                                            FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                  APPLICATION NUMBER: PCT/US99/28214
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                 FILING DATE: 1999-12-02
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Stewart, Timothy A.
Tumas, Daniel
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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Filvaroff, Ellen
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Baton, Dan L.
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PCT/US99/30095
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Pred. No. 4.
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NUMBER OF SEQ ID NOS: 423
SEQ ID NO 222
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                       ; TYPE: nucleic acid
STRANDENNES: single
; TOPOLOGY: linear
; MOLECTLE TYPE: other nucleic acid
US-09-532-868-17
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GENERAL INCOMMATION:
Query Match 0.3%;
Best Local Similarity 88.9%;
Matches 16; Conservative
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PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                      TELEFAX: 415-854-8275 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                        PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: MOOİ, LESILE A.
REGISTRATION NUMBER: 37,047
REFERENCE/DOCKET NUMBER: 0287
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US99/30911
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APPLICANT: Riabowol, Karl
TITLE OF INVENTION: DNA SEQUENCE ENCODING THE TUMOR
TITLE OF INVENTION: SUPPRESSOR GENE ING1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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ADDRESSEE: Burns, Doane, Swecker & Mathis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Alexandria
STATE: VA
                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 22313-1404
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                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
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16; Conserv
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ucleic acid
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llarity 88.9%;
Conservative
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Pred. No. 4.5e
0; Mismatches
Score 14.8; DB 1; Length 20; Pred. No. 4.5e+02; O; Mismatches 2; Indels
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APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
IIILE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
IIILE OF INVENTION: Acids Encoding the Same
FILIE REFERENCE: GNE. 1618P2C12
CURRENT APPLICATION NUMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR PILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-07-28
PRIOR PILING DATE: 1999-07-28
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US-09-903-603A-222
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                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US99/20594 PRIOR FILING DATE: 1999-09-08
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OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
OR FILING DATE: 1999-12-16
OR FILING DATE: 1999-12-16
OR APPLICATION NUMBER: PCT/US99/30911
OR APPLICATION NUMBER: PCT/US99/30999
OR APPLICATION NUMBER: PCT/US99/30999
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                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
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Ashkenazi, Avi
Botstein, David
Desnoyers, Luc
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Filvaroff, Bllen
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; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILLING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 222
; LENGTH: 20
; TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
FEATURE:
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/927,219
FILING DATE: Concurrently Herewith
CLASSIFICATION A35
PRIOR APPLICATION LOTA:
APPLICATION NUMBER: US 60/029,679
FILING DATE: 0-CUT-1996
PRIOR APPLICATION NUMBER: US 60/029,679
FILING DATE: 03-CUT-1996
PRIOR APPLICATION NUMBER: US 60/028,056
PRIOR APPLICATION NUMBER: US 60/028,056
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,056
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/025,719
FILING DATE: 10-SEP-1996
PRIOR APPLICATION NUMBER: US 60/025,719
FILING DATE: 10-SEP-1996
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                                                                                                         ATTORNEY AGENT INFORMATION:

NAME: Wilson, Mark B.

REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 512/418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
TITLE OF INVENTION: AND HNF-4ALPHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: P.O. Bo
CITY: Houston
STATE: Texas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
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Oda, Naohisha
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Pred. No. 4.5e+02;
                                                                                                                                                            ARCD: 272
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; TOPOLOGY: lir
US-08-927-219-21
                                                      US-08-927-219-22
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Best Local Similarity 88.9
Matches 16; Conservative
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                Query Match
                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/927,219
FILING DATE: Concurrently Herewith
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/029,679
FILING DATE: 30-OCT-1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                              FILING DATE: 10-SEP-1996
ATTORNEY AGENT INFORMATION:
NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD
TRECCOMMUNICATION INFORMATION:
                                                                                                                                                              TELEPHONE: 512/418-30
TELEFAX: 512/474-7577
INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 60/028,056
FILING DATE: 02-0CT-196
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/025,719
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CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
TITLE OF INVENTION: AND HNF-4ALPHA
Local Similarity
                                                                         TOPOLOGY:
                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Houston
STATE: Texas
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Oda, Naohisha
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0.3%; Score 14.8; DB 1;
88.9%; Pred. No. 4.7e+02;
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88.9%; Pred. No. 4.7e+02
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                                                                                                                                                                                                                                       ARCD: 272
                Length 21;
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Matches

Conservative

0;

Mismatches

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Gaps

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TCCCAAGTGACTGCTCCA 4297

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US-09-210-896-21/c
                                                                                                                                                                                                                                     US-08-891-292A-30
                                                                                                                                                                                                                                                          RESULT 406
                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local S
Matches 16
                                                    Sequence 30, Application US/08891292A
Patent No. 6312892
GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Luo, Jianying
APPLICANT: Khanna, Marilyn
APPLICANT: Khanna, Marilyn
APPLICANT: Bergstrom, Donald E.
TITLE OF INVENTION: LIGASE DETECTION OF NUCLEIC ACID DIFFERENCES
TITLE OF INVENTION: LIGASE DETECTION REACTION
FILE REFERENCE: 19603/457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 21, Application US/09210896 Patent No. 6271344
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CURRENT APPLICATION NUMBER: US/08/891,292A CURRENT FILING DATE: 1997-07-10 PRIOR APPLICATION NUMBER: 60/022,535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (416) 364-7311
TELEPAX: (416) 361-1398
INFORMATION FOR SEQ ID NO: 21.
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Turley
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FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/
FILING DATE: 19-DEC-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Gravelle, Micheline
REGISTRATION NUMBER: 40,7261
REFERENCE/DOCKET NUMBER: 78
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Polocy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
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ZIP: M5H 3Y2
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Enhanced Affinity Hyaluronan Binding
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Pred. No. 4.7e+02;
0; Mismatches 2
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Query Match
Best Local Similarity
Whiches 16; Conserve
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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                               GENERAL INFORMATION:
APPLICANT: Barany, Francis
APPLICANT: Luo, Jianying
APPLICANT: Luo, Jianying
APPLICANT: Khanna, Marilyn
APPLICANT: Bergstrom, Donald B.
APPLICANT: Bergstrom, Donald B.
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF
TITLE OF INVENTION: LIGASE DETECTION REACTION
                                                                                                                                                                           Sequence 30, Application US/09927737C Patent No. 6576453
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 10680, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
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Best Local
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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for
CURRENT FILING DATE:
               FILE REFERENCE: 19603/459
CURRENT APPLICATION NUMBER: US/09/927,737C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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Pred. No. 4.7e
0; Mismatches
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Pred. No. 4.7e+02
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; Sequence 189, Application US/09657472
Patent No. 6727063
; GENERAL INFORMATION:
APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Bolk, George Q.
APPLICANT: McCarthy, Jeanette J.
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PRIOR FILING DATE: 1996-07-19
PRIOR PILING DATE: 1997-07-19
PRIOR FILING DATE: 1997-07-19
NUMBER OF SEQ ID NOS: 97
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 30
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
PEATURE:
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US-09-657-472-158
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US-09-657-472-158
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SOPTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 158

LENGTH: 21

TYPE: DNA
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Best Local Similarity 80.0%;
Matches 16; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
APPLICANT: McCarthy, George Q.
APPLICANT: MCCarthy, Jeanette J.
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR PILING DATE: 1999-09-10
PRIOR PILING DATE: 1999-09-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
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Daley, George Q.
McCarthy, Jeanette
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Pred. No. 4.
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Pred. No. 4.7e+02;
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4.7e+02;
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; ORGANISM: Homo sapiens
US-09-657-472-189
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; Sequence 316, Application US/09657472
RESULT 412
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NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 189
                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 2551
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 316
LENGTH: 21
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                                                                                                                                      Matches
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Best Local Similarity
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Best Local Similarity
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APPLICANT: McCarthy, Jeanette J.
APPLICANT: McCarthy, Jeanette J.
TITLE ON THE SINCE NUCLEOTIDE POLYMORPHISMS IN GENES
FILE REFERENCE: 2825.1027-001
CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000.09-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR STILL STILL SAME
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PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
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APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
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o. 6727063
                                                       21 TCAGCTGCTCRTCCTCCTCA 2
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                                                                                                                                    Conservative
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80.0%; Pred. No. 4.7e+02
ative 1; Mismatches
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                                                                                                                                                        Score 14.8; DB 1;
Pred. No. 4.7e+02;
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US-09-657-472-622
; Sequence 622, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.

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APPLICANT: Daley, George Q.

APPLICANT: McCarthy, Jeanette J.

FILE REFERENCE: 2825.1027-001

CURRENT APPLICATION NUMBER: US/09/657,472

CURRENT APPLICATION NUMBER: US 60/153,357

PRIOR APPLICATION NUMBER: US 60/230,947

PRIOR PILING DATE: 1999-09-10

PRIOR PILING DATE: 2000-07-26

PRIOR PILING DATE: 2000-07-26

PRIOR PILING DATE: 2000-09-16

PRIOR PILING DATE: 2000-09-16

SOPTWARE: PASTESE ON NUMBER: US 60/225,724

PRIOR PILING DATE: 2000-09-16

PRIOR PILING DATE: 2000-09-10

PRIOR PILING D
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CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: US 60/153,357
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 2000-07-26
PRIOR PELING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOPTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 622
RESULT 414
US-09-657-472-2191/c
US-09-657-472-2191/c
; Sequence 2191, Application US/09657472
; Patent No. 6727063
; GENERAL INFORMATION:
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-622
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Best Local Similarity
Matches 16; Conserva
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Patent No. 672706
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APPLICANT:
APPLICANT:
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APPLICANT:
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APPLICANT: Cargill, Michele
POULICANT: Ireland, James S.
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TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Match 0.3%;
Local Similarity 80.0%;
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                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                0.3%;
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Pred. No. 4.7e+02;
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Pred. No. 4.7e+02;
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APPLICANT: Daley, George Q.

APPLICANT: McCarthy, Jeanette J.

TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES FILE REFERENCE: 2025-001

CURRENT APPLICATION NUMBER: US/09/657,472

CURRENT FILING DATE: 2000-09-07

PRIOR APPLICATION NUMBER: US 60/153,357

PRIOR PILING DATE: 1999-09-10

PRIOR PILING DATE: 1999-09-10

PRIOR APPLICATION NUMBER: US 60/220,947

PRIOR APPLICATION NUMBER: US 60/225,724

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APPLICANT: McCarthy, Jeanette J.

APPLICANT: McCarthy, Jeanette J.

FITLE OF INVENTION: SINGLE MUCLEOTIDE POLYMORPHISMS IN GENES

FILE REFERENCE: 2825.1027-001

CURRENT FILING DATE: 2000-09-07

FRIOR APPLICATION NUMBER: US 60/153,357

PRIOR PILING DATE: 1999-09-10

PRIOR PILING DATE: 1999-09-10

PRIOR PILING DATE: 1999-09-10

PRIOR APPLICATION NUMBER: US 60/220,947

PRIOR APPLICATION NUMBER: US 60/220,724

PRIOR APPLICATION NUMBER: US 60/225,724

PRIOR APPLICATION NUMBER: US 60/225,724

PRIOR APPLICATION NUMBER: US 60/225,724

PRIOR PILING DATE: 2000-08-16
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                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-657-472-2297
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; ORGANISM: Homo sapiens
US-09-657-472-2191
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Sequence 2297, Application US/09657472;
Patent NO. 6727063
GENERAL INFORMATION:
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                                                                           Query Match
Best Local Similarity
Matches 16; Conserv
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SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 2297
LENGTH: 21
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Best Local Similarity 80.0%;
Matches 16; Conservative
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SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 2191
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lander, Eric S.
APPLICANT: Cargill, Michele
APPLICANT: Ireland, James S.
APPLICANT: Bolk, Stacey
APPLICANT: Daley, George Q.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1559 AGGTGAAGGAAGCCTGGGGG 1578
                                       110 TTCTCAGCCTTGCAGCTCAA 129
21 TGCTGAGCCTKGCACCTCAA 2
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                                                                                    Conservative
                                                                                                       0.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 14.8; DB.1;
Pred. No. 4.7e+02;
1; Mismatches 3
                                                                                    ;
                                                                                                         Score 14.8;
Pred. No. 4.
                                                                                      Mismatches
                                                                                                       4.7e+02
                                                                                                                                DB 1; Length 21;
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RESULT 416 US-09-492-361-6/c

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US-08-367-069-10/c
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Sequence 10, App...
Sequence 10, S81153
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CURRENT FILING DATE: 2000-01-27
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 21
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Patent No.
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                                                                                                                                                       PILING DATE: December 30, 1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA: including
PRIOR APPLICATION DATA: described
APPLICATION NUMBER: 08/176,851
FILING DATE: 30 December 1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: JENTSCH, Thomas J.
TITLE OF INVENTION: NOVEL POTASSIUM CHANNELS
TITLE OF INVENTION: POTASSIUM CHANNELS
FILE REFERENCE: 2815-127P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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 INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: PCR
                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 210
                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ Version 1.5 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: IMPROVED PROCESS FOR THE TITLE OF INVENTION: PURIFICATION OF OLIGOMERS NUMBER OF SEQUENCES: 17
                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Lop 3-- 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                 TELEPAX:
                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/367,069
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5. 6794161
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67-3510
FOR SEQ
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                                   (213)
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Robert E. Klem
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Mark A. Reynolds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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SEQ ID NO:
                                   955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.3%;
                                                                                                                                                                                                                including application described below:
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                                                                                      210/209
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Pred. No. 4.7e+02;
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, OTHER INFORMATION: Chemically synthesized oligomer US-08-885-126-7
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TOPOLOGY:
US-08-367-069-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/08/885,1
CURRENT FILING DATE: 1997-06-30
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER FILING DATE: 1994-11-21
EARLIER APPLICATION NUMBER: 08/154,013
EARLIER FILING DATE: 1993-11-16
                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Riley, Timothy A.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A.
                                                                                                                                                                                                                                                                                                                            Sequence 8, Application US/08885126A Patent No. 5955597
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 7, Application US/08885126A Patent No. 5955597
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Best Local Similarity
                                  APPLICANT: SCHWARTZ, DAVID A.

TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: CLICOMERS
FILE REFERENCE: GENTA. 0.20FW2
CURRENT APPLICATION NUMBER: US/08/885,126A
CURRENT FILLING DATE: 1997-06-30
EARLIER FILLING DATE: 1994-11-21
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER APPLICATION NUMBER: 08/343,018
EARLIER APPLICATION NUMBER: 08/154,013
EARLIER APPLICATION NUMBER: 08/154,013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Schwartz, David A.
TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE
TITLE OF INVENTION: OLICOMERS
FILE REFERENCE: GENTA.020FW2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Arnold, Lyle J.
APPLICANT: Riley, Timothy A.
APPLICANT: Reynolds, Mark A.
APPLICANT: Schwartz, David A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENGTH:
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SEQ ID NOS: FastSEQ for
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    Windows Version 3.0
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Pred. No. 4.
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                RESULT 421
US-09-266-409-8
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US-08-885-126-8
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LENGTH: 16
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Sequence 8, Application US/09266409
                                                                                                                                        Matches
                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No. 6107060
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
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                                                                                                                                                                                                                                                                                                 TELEPAX: (303) 499-8089 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC COMPACTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/941,445A
FILING DATE: 30-SEP-1997
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: US
ZIP: 80303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Keeling, Peter
APPLICANT: Guan, Hanping
TITLE OF INVENTION: Starch Encapsulation
NUMBER OF SEQUENCES: 37
                                                                                                                                                                                                                      MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan,
STREET: 5370 Manhattan Circle
                                                                                                                                                                                                                                                                                                                                           NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,547
REFERENCE/DOCKET NUMBER: 89-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 499-8080
                                                                                                                                                       Local
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nes 15; Conserv
                                                                                                                                                                                                                                   STRANDEDNESS:
TOPOLOGY: not
                                                                                                                                                                                                                                                                  TYPE: nucleic acid
                                                                                                                                                                                                                                                                                  LENGTH:
                                                                                                         1180 AGAGAAAGAGAGAG 1195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1180 AGAGAAAGAGAGAGAG 1195
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                                                                                                                                                     h 0.3%;
Similarity 93.8%;
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t relevant
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Pred. No. 4.3e+02;
0; Mismatches 1
                                                                                                                                                        Score 14.4;
Pred. No. 4.
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                                                                                                                                          Mismatches
                                                                                                                                                       4.3e+02
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RESULT *1.0
US-09-411-862A-21/c
US-09-411-862A-21/c
; Sequence 21, Application US/09411862A
; Patent No. 6348583
; Patent No. 6348583
; GENERAL INFORMATION:
APPLICANT: David Segev
; APPLICANT: David Segev
; TITLE OF INVENTION: POLY(ETHER-THIOETHER), POLY(ETHER-SULFONE) NUCLEIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  밁
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APPLICANT: Becker, Thomas
APPLICANT: Sequenom, Inc.
TITLE OF INVENTION: Systems and Methods for Performing Reactions in an Unsealed
TITLE OF INVENTION: Environment
FILE REFERENCE: Sequence listing for 24736-2023
Patent No. 6225061
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 15; Conserv
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CURRENT FILING DATE: 1999-03-10
NUMBER OF SEQ ID NOS: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: primer_bind
LOCATION: (1)..(16)
OTHER INFORMATION: Sequencing primer for exon 7 of human p53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE: OTHER INFORMATION: Description of Artificial Sequence:
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INFORMATION FOR SEQ ID NO: 21:
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                                                           APPLICATION NUMBER: 09/384,995
FILING DATE: 20 AUG 1999
ATTORNEY/AGENT INFORMATION:
NAME: SO1 Sheinbein
REGISTRATION NUMBER: 25,457
REGISTRATION NUMBER: 00/2071
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-6127676
                                                                                                                                                                                                                                        FILING DATE: 04-OCC-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: TWAInhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 22 CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/411,862A
                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Word for Windows version 2.0 an ASCI file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Virginia COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Arlington
                                        TELEFAX: 972-3-6127575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Sol Sheinbein c/o Anthony Castorina
STREET: 2001 Jefferson Davis Highway, Suite 207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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Pred. No. 4.3e+02;
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                                                                                                             00/20719 (previously 513/13)
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US-09-411-862A-22
; Sequence 22, Application US/09411862A
; Patent No. 6348583
; GENERAL INFORMATION:
APPLICANT: David Segev
TITLE OF INVENTION: POLY (ETHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID US-09-411-862A-21
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                                                                      Matches
                                                                                       Query Match
Best Local :
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Best Local
                                                                                                                                                                                                                                                                        TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 22:
                                                                                                                                                                                                                                                                                                                           REGISTRATION NUMBER: 25,457
REFERENCE/DOCKET NUMBER: 00/20719
TELECOMMUNICATION INFORMATION:
TELEPHONE: 972-3-6127676
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 09/384,995
FILING DATE: 20 AUG 1999
ATTORNEY/AGENT INFORMATION:
NAME: Sol Sheinbein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
COMPUTER: Twinhead* Slimnote-890TX
OPERATING SYSTEM: MS DOS version 6.2,
                                                                                                                                                             TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/411,862A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
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                                  1181 GAGAAAGAGAGAGAGA 1196
                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                                                                         Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 04-Oct-1999
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Word for Windows version 2.0 converted an ASCI file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Sol Sheinbein c/o Anthony Castorina STREET: 2001 Jefferson Davis Highway, Suite 207
GAGAGAGAGAGAGA
                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Arlington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                              TELEFAX: 972-3-6127575
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                                                                      Conservative
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                                                                                     0.3%; Score 14.4;
93.8%; Pred. No. 4.
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Pred. No. 4.3e+02;
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                                                                    Mismatches
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                                                                                     4.3e+02;
                                                                                                      DB 1; Length 16;
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GENERAL INFORMATION:

APPLICANT: Arnold, Lyle J.

APPLICANT: Rarnold, Mark A.

APPLICANT: Reymolds, Mark A.

APPLICANT: Schwartz, David A.

FITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE

TITLE OF INVENTION: OLIGOMERS

FILE REFERENCE: GENTA.020FW2

CURRENT APPLICATION NUMBER: US/08/885,126A

CURRENT APPLICATION NUMBER: 08/343,018

EARLIER APPLICATION NUMBER: 08/343,018

EARLIER APPLICATION NUMBER: 08/343,018

EARLIER APPLICATION NUMBER: 08/154,013

EARLIER APPLICATION NUMBER: 08/154,013

EARLIER FILING DATE: 1993-11-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   片
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                                        8
                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Chemically synthesized oligomer US-08-885-126-4
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LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ for
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/08885126A Patent No. 5955597
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APPLICANT: Hubert K"ster
APPLICANT: Charles Canttor
TITLE OF INVENTION: Systems and Methods for Performing Reactions in TITLE OF INVENTION: Environment
FILE REFERENCE: Sequence listing for 24736-2023B
Patent No. 6485913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 8, Appli
Patent No. 648591
GENERAL INFORMATI
                                                                                                                                                    Query Match
Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: NAME/KEY: primer bind LOCATION: (1)..(16) OTHER INFORMATION: Sequencing primer for exon 7 of human control of the co
                                                                                                                                                                                                                                                                                                                                                                                         TYPE: RNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial FEATURE:
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                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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1180 AGAGAAAGAGAGAGAG 1195
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                                                                                                                    . Similarity
15; Conserv
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                                                                                                                        Conservative
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                                                                                                                                                    0.3%;
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                                                                                                                                                        Score 14.4; DB 1; Length 17; Pred. No. 4.6e+02;
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Pred. No. 4
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GENERAL INFORMATION:

APPLICANT: Arnold, Lyle J.

APPLICANT: Riley, Timothy A.

APPLICANT: Reynolds, Mark A.

APPLICANT: Schwartz, David A.

TITLE OF INVENTION: CHIRALLY ENRICHED SYNTHETIC PHOSPHATE

TITLE OF INVENTION: CLIGOMERS

FILE REFERENCE: GENTA.020FW2

CURRENT APPLICATION NUMBER: US/08/885,126A

CURRENT FILING DATE: 1997-06-30

EARLIER APPLICATION NUMBER: 08/343,018

EARLIER APPLICATION NUMBER: 08/343,018

EARLIER FILING DATE: 1994-11-21

EARLIER FILING DATE: 1993-11-16

NUMBER OF SEQ ID NOS: 22

SOFTWARE: FastSEQ for Windows Version 3.0
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Best Local Similarity
Matches 15; Conserve
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US-08-985-162-565/c
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US-08-885-126-17
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Patent No. 5955597
           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: PSSTEM: IBM P.C. DOS 5.0
SOPTWARE: PSSTEM: IBM P.C. DOS 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                      ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 35" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                              TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                        COUNTRY:
  APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1180 AGAGAAAGAGAGAGAG 1195
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Pell, Patricia

MCSWiggen, James

MCSWiggen, James

RVENTION: ENZYMATIC NUCLEIC ACID TREATMENT

VENTION: OF DISEASES OR CONDITIONS RELATED

NVENTION: TO LEVELS OF EPIDERMAL GROWTH

NVENTION: FACTOR RECEPTORS
                                                                                                                                                                                                                                                                               U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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93.8%; Pred. No. 4.
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60/036,476
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Sequence 6930, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Bavco, Pam

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Betobedo, Jaime

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR PILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR PILING DATE: 1995-01-26

PRIOR PILING DATE: 1995-01-08

PRIOR PILING DATE: 1995-01-08

PRIOR PILING DATE: 1995-01-08
                                                                                                                                                                                     RESULT 429
US-09-371-772B-6932
                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6930
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US-09-371-772B-6930
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                                                                                                                       Sequence 6932, Application US/09371772B Patent No. 6566127 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6930
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.3%;
Best Local Similarity 87.5%;
                                                                                                                                                                                                                                                                                                                                                          Matches
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 23
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                  199 CCACACCCCATCTCCC 214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   778 GCCCAGGAAGGGGCAG 793
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?13) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        31 January 1997
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ER: 230/107
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                                                                                                                                                                                                                                                                                                                                                                           Score 14.4;
Pred. No. 4
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Pred. No. 4.6e+02;
                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                         4.6e+02;
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RESULT 430
US-09-401-063-565/c
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                                                                                                PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/985,162

APPLICATION NUMBER: 09/036,476

FILING DATE: 04 December 1997

APPLICATION NUMBER: 60/036,476

FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:

NAPME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLITOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 17
TYPE: RNA
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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APPLICANT: MCSWiggen, James
TITLE OP INVENTION: ENZYMATIC NUCLEIC ACID TREATM
TITLE OP INVENTION: OP DISEASES OR CONDITIONS RELITIVES OF INVENTION: TO LEVELS OF EPIDERWAL GROWTH
TITLE OP INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER:
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CITY: Los Angeles
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Local Similarity 87.5%; Pred. No. 4.6e+02;
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McSwiggen, James
VENTION: ENZYMATIC NUCLEIC ACID TREATMENT
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RESULT 432
US-09-866-108A-1893
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                                                                                                                                                                 Query Match
Best Local :
                                                                                                                                                                                                                                                                                         Patent No. 668
SEQ ID NO 1892
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                                                                                                                                            Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                           Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00665
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                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                          LENGTH:
                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
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                                                                                                          3255 CCAGGACCTGGCCTCT 3270
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). 6686188
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                                                                                                                                            15; Conservative
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Pred. No. 4.6e+02
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Pred. No. 4.6e+02;
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                                                                                                                                                                                                                                                                                                                                                                  See File Wrapper or PALM
                                                                                                                                                                                    DB 1;
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Sequence 1893, Application US/09866108A Patent No. 6686188 GENERAL INFORMATION:

The same

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                PILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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US-09-866-108A-1893
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SEQ ID NO 1893
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1894, Application US/09866108A
Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                  APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Mensheng
APPLICANT: CHEN, Mensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .09-866-108A-1894
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
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APPLICATION NUMBER: PCT/US01/00666
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15; Conservative
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EL, David K.
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93.8%;
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Pred. No. 4.6e
0; Mismatches
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PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2000-09-27
PRIOR PPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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SOFTWARE: Aeomica
Patent No. 6686188
SEQ ID NO 1895
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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PRIOR APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00663
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HANZEL, David K.
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RESULT 436
US-09-866-108A-6113/c
; Sequence 6113, Application US/09866108A
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-99-27
PRIOR FILING DATE: 2000-99-27
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SEQ ID NO 6112
LENGTH: 17
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APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US01/00665
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
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PRIOR APPLICATION NUMBER: PCT/US01/00669
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEOMICA-7
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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TYPE: DNA
ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                                                                                                                  Similarity 93.8%;
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                                                                                                                        GGAAAATCTCACACTG
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                                                                                                                                                                                                                  Score 14.4; DB 1;
Pred. No. 4.6e+02;
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Pred. No. 4.6e+02;
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                                                                                                                                                                                                                                        DB 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 437
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Patent No. 6686188
SEQ ID NO 6113
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                Sequence 6199, Application US/09866108A Patent No. 6686188
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APPLICANT:
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APPLICANT:
APPLICANT:
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
                                       PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
                                                                                                      FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                    APPLICANT: RANK, David R.
APPLICANT: CHANNON, MARK
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David
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CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2001-01-30
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                      PRIOR FILING DATE: 2000-10-04
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FILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/236,359
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nilarity 93.8%;
Conservative
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Pred. No. 4.6e+02;
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APPLICANT: SHANNON, MARK
TITTLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: BCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
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; ORGANISM: Homo sapiens
US-09-866-108A-6199
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                                                                    PRIOR APPLICATION NUMBER: PCT/US01/0064
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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SEQ ID NO 6199
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David
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SOFTWARE: Acomica Sequence Listing Engine
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OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00666
OR FILING DATE: 2001-01-30
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OR FILING DATE: 2001-01-30
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les 15; Conserv
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                      Prior Application data removed - SEQ ID NOS: 15755
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Listing Engine
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Pred. No. 4.
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; ORGANISM: Homo sapiens
US-09-866-108A-6257
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SEQ ID NO 6257
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LENGTH: 17
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                                                                                                   Query Match
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Best Local Similarity
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART
FILE REFERENCE: AROMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                             LENGTH:
                                                        0.3%;
Local Similarity 93.8%;
les 15; Conservative
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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                                 1475 TTGGCCCAGGCCTGGA 1490
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RESULT 440 US-09-866-108A-6258/c ; Sequence 6258, Application US/09866108A

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RESULT 441
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SEQ ID NO 6258
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Best Local Similarity
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APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharro
APPLICANT: HANZEL DAVI
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICATION NUMBER: PCT/US01/00664
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Patent No. 6686188
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SEQ ID NO 7409
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Best Local Similarity
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                       PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/236,359
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
                                                                                                                 APPLICATION NUMBER: PCT/US01/00668
                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US01/00664 FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: PCT/US01/00664
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                Prior Application data removed - SEQ ID NOS: 15755
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APPLICANT: SHANNON, MAIK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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TITLE OF INVENTION MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
TITLE OF INVENTION UNMERR: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR PELLING DATE: 2001-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
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US-09-866-108A-7410
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SEQ ID NO 7410
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Best Local (
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SEQ ID NO 7797
LENGTH: 17
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Best Local Similarity
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09-866-108A-7797
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SOFTWARE: Acomica Sequence Listing Engine
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PRIOR PRILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
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Similarity 93.8%;
15; Conservative
CAGCTGCTGAAGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RANK, David R. CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                        Score 14.4; DB 1; Length 17; Pred. No. 4.6e+02;
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Pred. No. 4.6e+02;
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                                                                                                   Indels '
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RESULT 444 US-09-866-108A-7798/c

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APPLICANT: Chiaur, D.
APPLICANT: Pagano, M.
APPLICANT: LAEITES, B.
TITLE OF INVENTION: NOVEL UBIQUITIN LIGASES AS THERAPEUTIC TARGETS
FILE REFERENCE: 5914-081
CURRENT APPLICATION NUMBER: US/09/385,219A
CURRENT FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: 60/098,355
PRIOR PILING DATE: 1998-08-28
PRIOR PILING DATE: 1998-08-28
PRIOR PILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: 60/118,568
PRIOR APPLICATION NUMBER: 60/124,449
PRIOR FILING DATE: 1999-03-03
PRIOR PILING DATE: 1999-03-15
NUMBER OF SEQ ID NOS: 90
                                                                                                                                                                                                                                                                                                                                                               US-09-385-219A-86/c
Sequence 86, Application US/09385219A
Patent No. 6720181
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-09-866-108A-7798
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT PILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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SEQ ID NO 7798
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Asomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: PCT/USO1/00664
PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR APPLICATION NUMBER: PCT/USO1/00665
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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mee 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2644 CAGCTGCTGCTGCAGC 2659
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RANK, David R.
CHEN war-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RANK, David R. CHEN, Wensheng
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Pred. No. 4.
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; ANTI-SENSE: 1
PCT-US93-07603-5
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PCT-US93-07603-5
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                                                                     Matches
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Best Local :
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LENGTH: 17
                                                                                   Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/930,087
FILING DATE: 14-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Gates, Edward R.
REGISTRATION NUMBER: 31,616
REFERENCE/DOCKET NUMBER: M0636/7007WO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-720-3500
                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 617-720-2441
INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Nucleotides 1-16 are ribonucleotides
DESCRIPTION: and nucleotide 17 is a deoxyribonucleotide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: Flop PC compatible
COMPUTER: PC compatible
COMPUTER: PC compatible
COMPUTER: PC compatible
COMPUTER: PC compatible
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: PCT/US93/07603
FILING DATE: 19930813
CLASSIFICATION:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wolf, Greenfield & Sacke, P.C.
                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: NUCLEIC ACID RECOGNITION AND
                                                                                                                                                                                                                                                                        LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Local Similarity 93.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Boston
                               1180 AGAGAAAGAGAGAGAG 1195
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 United States of America
                                                                     Conservative
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                                                                                     0.3%;
                                                                  Score 14.4; D
Pred. No. 4.6e
0; Mismatches
                                                                    0;
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Pred. No. 4.6e+02
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                                                                                   6e+02
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                                                                     Indels
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US-07-976-103A-11/c
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                                                                                                                                                                                                                                Sequence 1085, Application US/08363240A Patent No. 5705388 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 11,
Patent No. 5
                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAMB: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 166.3
TELEPHONE: (415) 573-4712
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: FROEHL
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APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEB: GILEAD SCIENCES, INC.
                                                                                     TITLE OF INVENTION: METHOD AND REAGENT FOR PITTLE OF INVENTION: PREVENTION, INHIBITION OF TITLE OF INVENTION: PROFESSION AND REGRESSION TITLE OF INVENTION: OF VASCULAR DISEASES
                                                  NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                               APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (415) 573-4899
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                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                1181 GAGAAAGAGAGAGAGA 1196
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                                                                                                                                                           Couture, LarryMcSwiggen, JamesBisgaier, CharlesPape, Michael
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milarity 93.8%;
Conservative
3: Lyon & Lyon
633 West Fifth Street
Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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JONES, ROBERT J.
GUTIERREZ, ARNOLD J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WAGNER, RICK
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                                                                      1243
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Pred. No. 4.9e+02
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CITY: Los Angeles STATE: California

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U.S.A.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.3%; Score 14.4; Best Local Similarity 93.8%; Pred. No. 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5
SOFTWARE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,24
PRIJNG DATE: December 23, 1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                   COUNTRY: USA
ZIP: 22040-0747
ZIP: 22040-0747
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/321,613
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
APPLICANT:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
STREET: PO BOX 747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                APPLICANT: SALMON, CHARLES
ITITLE OF INVENTION: EXPRESSION IN NON-TUMORAL HUMAN
TITLE OF INVENTION: LYMPHOBLASTOID LINES WITH AN INTEGRATIVE VECTOR
NUMBER OF SEQUENCES: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                STREET: PO BOX /4/
CITY: FALLS CHURCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1928 CTTTGGAGCAGGCACG 1943
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                                                                                                                                                                                                                                                                                                                                                                                                               LAMBIN, PATRICK LOPEZ, CLAUDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                    CARTRON, JEAN-PIERRE CHRETEIN, STANY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BALLAY, ANNICK BOFFA, GEORGES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US/08/363,240A
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INFORMATION FOR SEQ ID NO: 1148:

209/166

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-311-486C-1148/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application DATA: described kapplication NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: January 19, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 12:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 205-8000
TELEFAX: (703) 205-8050
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/:
                                                                                                                                                                                                                                                                                                                                                                                                       ZIF: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                17 CACCCCATCTCCCGCC 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : Dan T. Stincton.
; James McSwiggen
INVENTION: RIBOZYME TREATMENT OF
INVENTION: DISEASES OR CONDITIONS
INVENTION: RELATED TO LEVELS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SVENSSON, LEONARD R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sean Sullivan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           93.8%;
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                                                                                                                                                                                                                  including application described below:
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Pred. No. 4.9e+02;
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APPLICANT: FROBILE
APPLICANT: MAGNER,
APPLICANT: MATTEUC
APPLICANT: JONES,
                                                                                                                                                                                                                                                                                          CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 07/965,941
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION UNMBER: US 08/338,352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 11, Appli
Patent No. 5830653
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                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
                                                                                                              APPLICATION NUMBER: US 07/
PILING DATE: 25-AUG-1992
CLASSIFICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
                                                                                                                                                                                                                    PRIOR AFFILION NUMBER: US 08/335,332, APPLICATION NUMBER: US 08/335,332, FILING DATE: 14-NOV-1994 CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/935,444
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     18 CTGGAAAGGTCTGAAG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Foster City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WAGNER, RICK MATTEUCCI, MARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.3%;
ilarity 93.8%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FROEHLER,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GILEAD SCIENCES, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ROBERT J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  53
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                                                                                                                                                       US 07/799,824
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Pred. No. 4.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4; DB 1; Length 18;
4.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
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US-08-940-332-4
                                                                                                                          US-08-940-332-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-473-481-11
                                                                           Best
                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
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Best Local Similarity 93.8%;
                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                          PILING DATE: 30-SEP-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/027,207
FILING DATE: 30-SEP-1996
ATTORNEY/ACENT INFORMATION:
NAME: Alix, James E.
REGISTRATION NUMBER: 20,736
REGISTRATION NUMBER: 20,736
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Epstei
                                                                                                                                                                                                                   TELEFAX: (860)527-5029
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 06103-2721

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IEM PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                         MOLECULE TYPE:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Epstein,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: UC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (860)527-9211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS: ADDRESSEE: ALIX, YAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                           Local
                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
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                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                     STRANDEDNESS: single
                                                                                                                                                                                                                                                                               TELEPHONE:
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                             3989 CTGAGCCTGGAGCTGT 4004
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o. 5885834
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                                                            Similarity
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CTGAGCATGGAGCTGT 16
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                                                          0.3%;
ilarity 93.8%;
Conservative
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                                                                                                                                       other nucleic acid
/desc = "oligonucleotide"
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Pred. No. 4.9e+02;
                                                                         Score 14.4; DB 1;
Pred. No. 4.9e+02;
                                                              Mismatches
                                                                                          DB 1; Length 18;
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                                                              Indels
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                                                              Gaps
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                                                                                                                                        APPLICANT: Brett P. Monia
APPLICANT: Brenda F. Baker
APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
TITLE OP INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
FILE REFERENCE: RTS-0027
CURRENT APPLICATION NUMBER: US/09/357,072
CURRENT FILING DATE: 1999-07-19
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 17
LENGTH: 18
TYPET. NUMBER: NUMB
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Patent No. 5885834
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CURRENT APPLICATION DATA:
APPLICATION UMMBRR: US/08/940,332
PILING DATB: 30-SEP-1997
PRIOR APPLICATION DATA:
APPLICATION UMMBR: US 60/027,207
PILING DATB: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Alix, James E.
REGISTRATION NUMBER: 20,736
REGISTRATION NUMBER: UCON/137/US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 17,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Epstein,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                     TYPE: DNA
                                                                          ORGANISM: Artificial Sequence
                                              PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ENERAL INFORMATION:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide"
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ADDRESSEE: ALIX, YALE & RISTAS, LLP
STREET: 750 MAIN STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (860)527-9211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 06103-2721
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IN HUMAN LYMPHOBLASTOID CELLS
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US-09-357-072-17 **
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US-08-338-352-12/c
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RESULT 456
US-08-584-040-2983
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Best Local Similarity
                                                                                                                        Matches
                                                                                                                                                   Query Match
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                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24110-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/0
FILING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                           TELEPHONE: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 94304-1018
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                                                                                        1181 GAGAAAGAGAGAGAGA 1196
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                                                             16 GAAAAAGAGAGAGAGA 1
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6235887
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755 Page Mill Road
                                                                                                                      Conservative
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                                                                                                                                      93.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                US 07/935,444
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Pred. No. 4.
                                                                                                                                      Score 14.4; DB 1
Pred. No. 4.9e+02
                                                                                                                        Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4.9e+02;
                                                                                                                                                      DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
                                                                                                                                                   Length 18
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                                                                                                                        Gaps
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Sequence 2983, Application US/08584040 Patent No. 6346398

GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James

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US-08-599-738A-11/c
                                                                                                                                                                                                                                    ; Sequence 11, Application, Patent No. 6380368; GENERAL INFORMATION: APPLICANT: FROEHLES; APPLICANT: WAGNER,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-584-040-2983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
APPLICATION NUMBER: US/08/584,040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
CORRESPONDENCE ADDRESS:
ADDRESSE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-2610
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TITLE OF INVENTION: TREATMENT OF I
TITLE OF INVENTION: CONDITIONS REJ
TITLE OF INVENTION: OF VASCULAR RE
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                  TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 6
                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
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Similarity 68.8%;
11; Conservative
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                                                                                                                                                                                                                                                                                                                Application US/08599738A
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633 West Fifth Street
                                                                                                                                                        GUTIERREZ, ARNOLD J. PUDLO, JEFF
                                                                                                                                                                                              MATTEUCCI, MARK
JONES, ROBERT J
                                                                                                                                                                                                                                      WAGNER,
                                                                                                                                                                                                                                    FROEHLER, BRIAN WAGNER, RICK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Stinchcomb, Dan T.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           METHOD AND REAGENT FOR THE TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL
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Pred. No. 4.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 18;
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GENERAL INFORMATION:
APPLICANT: Berthelsen, Jens
APPLICANT: Toma, Salvatore
APPLICANT: Isacchi, Antonella
TITLE OF INVENTION: Tankyrase;
TITLE OF INVENTION: Same
FILE REFERENCE: PHRM.0043
                                                                                                                                                                                                                      US-09-350-982C-2/c
                                                                                                                                                                                                                                      RESULT 458
                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-599-738A-11
                                                                                                                                                                             Sequence 2, Application US/09350982C Patent No. 6455290
                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
FILE REFERENCE: PHRM-0043
CURRENT APPLICATION NUMBER: US/09/350,982C
CURRENT FILING DATE: 1999-07-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 07/799
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.
TELECOMMUNICATION INFORMATION:
TELECHEONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PILING DATE: 23-OCT-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/338,352
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CLASSIFICATION: 536
PRIOR APPLICATION DATA:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0:
FILING DATE: 23-OCT-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US
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COMPUTER READABLE FORM:
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ZIP: 944
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/976,103 FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
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                                                                                                                                                                                                                                                                                                                                        1181 GAGAAAGAGAGAGAGA 1196
                                                                                                                                                                                                                                                                                                    16 GAAAAAGAGAGAGAGA
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                                                                             Tankyrase Homolog Protein (THP), Nucleic Acids, and Methods Relat
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Pred. No. 4.9e+02;
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US-09-322-409-151/c
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SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
APPLICANT: Kim. Jin-Soo
APPLICANT: Pabo, Carl O.
APPLICANT: Massachusetts Institute of Technology
APPLICANT: Massachusetts Institute of Technology
TITLE OF INVENTION: Poly Zinc Finger Proteins With Improved Linkers
FILE REFERENCE: 019496-002510US
CURRENT FILING DATE: 1999-03-01
CURRENT FILING DATE: 1999-03-01
EARLIER APPLICATION NUMBER: US 60/076,454
EARLIER APPLICATION NUMBER: US 60/076,454
EARLIER OF SEQ ID NOS: 24
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 12
LENGTH: 18
                                                                                                                                                                                                                                                                        Sequence 12, Application US/09260629
Patent No. 6479626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 151, Application US/09322409
Patent No. 6471957
                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local :
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Best Local Similarity
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APPLICANT: Yang, Shumin
APPLICANT: Dreitz, Matthew J.
APPLICANT: Dreitz, Matthew J.
APPLICANT: Wonderling, Ramani S.
TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOP
FILE REFERENCE: IM-2-C1
CURRENT APPLICATION NUMBER: US/09/322,409
CURRENT FILING DATE: 1999-05-28
EARLIER FILING DATE: 1999-05-29
NUMBER OF SEQ ID NOS: 154
SOPTMARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ocal Similarity
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Pred. No. 4.9e+02;
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Pred. No. 4
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; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: Primer US-09-451-527-151
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; Sequence 151, Application US/09451527
; Patent No. 6482403
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                                                 Sequence 7389, Application US/09422978
Patent No. 6537751

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chunenfeld, Marta
APPLICANT: Chunenkov, 11ya
TITLE OP INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT PILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER PILING DATE: 1999-11-23
EARLIER FILING DATE: 1999-11-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EARLIER FILING DATE: 1998-05-29
NUMBER OF SEQ ID NOS: 174
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 151
LENGTH: 18
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Best Local Similarity
Matches 15; Conserv
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APPLICANT: Yang, Shumin
APPLICANT: Yang, Shumin
APPLICANT: Dreitz, Matthew J.
APPLICANT: Wonderling, Ramani S.
TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF FILE REFERENCE: IM-2-C2
CURRENT APPLICATION NUMBER: US/09/451,527
CURRENT APPLICATION NUMBER: 09/322,409
EARLIER APPLICATION NUMBER: 09/322,409
EARLIER APPLICATION NUMBER: 60/087,306
EARLIER APPLICATION NUMBER: 60/087,306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE: TABLE OF ARTIFICIAL Sequence
OTHER INFORMATION: Description of Artificial Sequence:NZ site with
OTHER INFORMATION: NRB- and Zif268-binding sites directly juxtaposed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 4.9e+02;
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Pred. No. 4.
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APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a h
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-01-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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                                                                                                                                                                                                                                                                                       RESULT 464
US-09-371-772B-1411
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                                                                                                                         GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals,
APPLICANT: Pavco, Pam
APPLICANT: WcSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 9111, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
                                                                                                                                                                                                                                               Sequence 1411, Application US/09371772B Patent No. 6566127
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Best Local
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APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo Sapiens
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LOCATION: 1..18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo Sapiens
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LOCATION: 1..18
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Pred. No. 4.9e+02
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Pred. No. 4.9e+02;
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; OTHER INFORMATION: Synthetic construct US-10-294-203-11
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                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                   Sequence 112, Application US/09856662 Patent No. 6790616
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Best Local Similarity
Matches 15; Conserv
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NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.2
SEQ ID NO 11
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Patent No.
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Best Local Similarity
APPLICANT: MORIBE, Toyoki et al.
TITLE OF INVENTION: Method for typing HLA class 1 genes
FILE REFERENCE: 0032-0251P
CURRENT APPLICATION NUMBER: US/09/856,662
CURRENT FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: UP P1998-335151
PRIOR PILING DATE: 1998-11-26
NUMBER OF SEQ ID NOS: 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/294,203
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Gutierrez, Arnold J.
APPLICANT: Pudlo, Jeff
TITLE OP INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
TITLE OP INVENTION: Containing Modified Pyrimidines
FILE REPERENCE: GLIS0155
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PRIOR APPLICATION NUMBER: US
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 4.9e+02
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Pred. No. 4.
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; PEATURE;
; OTHER INFORMATION: Description of Artificial Sequence:DNA probe; OTHER INFORMATION: BL272A
US-09-856-662-112
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                                                    Matches
                                                                  Query Match
Best Local
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/521,515
PILING DATE: 30-AUGUST-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,872
PILING DATE: 11-JULY-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                        TELEFAX: (303) 793-34 INFORMATION FOR SEQ ID NO:
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                                                                                                                                  STRANDEDNESS: 611
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
LENGTH: 18 base pairs
TYPE: nucleic acid
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM compatible OPERATING SYSTEM: MS-DOS
                                                                                                                                                                                                                                                                                                                         NAME: Barry J. Swanson REGISTRATION NUMBER: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 8400 East Prentice Avenue, Suite #200 CITY: Englewood
                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE:
                                                                                                                                                                                                                                                         TELEPHONE: (303) 793-3333
TELEPAX: (303) 793-3433
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2978 CGCTGAGCCACTCTGC 2993
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HANG CHEN
CRAIG TUERK
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                                                                 0.3%; Score 14.4; DB 1; Length 18; 93.8%; Pred. No. 4.9e+02;
                                                                                                                                                                                                                                                                                                                         33,215
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; LOCATION:
US-08-110-161A-9
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                                                                                                                                                                                                                            Sequence 10, Application US/08110161A Patent No. 6498147
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                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                             GENERAL INFORMATION:
APPLICANT: Netenberg, Michael I.
APPLICANT: Kitajima, Isao
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-kB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Nerenb
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
TOPOLOGY: line
MOLECULE TYPE: !
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-2981
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                        NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Kitajima, Isao
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-kB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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              CITY: Los Angeles
STATE: California
                                                  STREET:
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ZIP: 90067
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STATE: California
COUNTRY:
                                                                      ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
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                                                                                                                                                                                                                                                                                                                                                                             4040 AAGGGGGCCATGTGGA 4055
                                                                                                                                                                                                                                                                                                                                                   2 AAGTGGGCCATGTGGA 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nucleic acid
DEDNESS: single
                                                    E: Spensley Horn Jubas & Lubitz
1880 Century Park East - Suite 500
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1880 Century Park East - Suite 500
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Kitajima, Isao
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                                                                                                                                                                                                                                                                                                                                                                                                                                              93.8%;
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Pred. No. 5.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 19;
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Query Match
Best Local Similarity
Matches 15; Conserv?
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GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH II
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
TELEPAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 10:
TELEFAX: (619) 455-5110 INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS: LENGTH: 19 base pairs
                                                                              CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: PD-375
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 455-5100
                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                          SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09350
FILING DATE: 19-AUG-1994
                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 1800
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-KB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/110,161A FILING DATE: 20-AUG-1993 CLASSIFICATION: 514
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LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4040 AAGGGGGCCATGTGGA 4055
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1880 Century Park East - Suite 500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.3%; Score 14.4; DB 1; Length 19; 93.8%; Pred. No. 5.1e+02;
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                                                                                                                           FD-3758
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Query Match
Best Local Similarity
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Best Local Similarity 93.8
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 10, Applicat
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                         TELEPHONE: (619) 455-5100
TELEFAX: (619) 455-5110
INFORMATION FOR SEQ ID NO: 10:
                                                                                                                                                                                                     LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDENESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genom
                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PATEN: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION MEDIA:
APPLICATION 19-AUG-1994
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Tumarkin Ph.D., Lisa A.
NAME: Tumarkin Ph.D., Lisa A.
REGISTRATION NUMBER: P-38,347
REFERENCE/DOCKET NUMBER: FD-3758
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: 11 MOLECULE TYPE: FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: SUPPRESSION OF NUCLEAR FACTOR-kB
TITLE OF INVENTION: DEPENDENT PROCESSES USING OLIGONUCLEOTIDES
                                                                                                                                                                   PEATURE:
NAME/KEY: CDS
                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
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                                                                                                                                                        LOCATION:
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                              4040 AAGGGGGCCATGTGGA 4055
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18 AAGTGGGCCATGTGGA 3
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1880 Century Park East - Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                Conservative
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                                                                                  0.3%;
                                                                  0,
                                                                                    Score 14.4; DB 1;
Pred. No. 5.1e+02;
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Pred. No. 5.1e+02;
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                                                                  Mismatches
                                                                                                  Length 19;
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; Sequence 5, Application US/08410540
; Patent No. 5807678

RESULT 472 US-08-410-540-5/c

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Weeley, Richard L.
REGISTRATION NUMBER: 30,092
REFERENCE/DOCKET NUMBER: UCAL
TELEFOMUNICATION INFORMATION:
TELEPHONE: 415 853 5070
TELEFAX: 415 857 0663
TELEX: 380816COOLEYPA
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/08650125 Patent No. 5830751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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ZIP: 94306-2155
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BENERAL INFORMATION:
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HYPOTHETICAL: N
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SUFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/410,540
PILING DATE: 23-MAR-1995
CLASSIFICATION: 435
ATTORNEY ATTORNEY ATTORNEY ATTORNEY ATTORNEY ATTORNEY ATTORNEY ATTORNEY
                                                 COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                             NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Witcoff, Ltd.
STREET: 1001 G Street, N.W.
                                                                                                                                                                                                                                         APPLICANT: BOEKE, JEF
APPLICANT: BRACHMANN, RAINER
TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
TITLE OF INVENTION: USING TP23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: IDENTIFICATION OF GENE MUTATIONS
TITLE OF INVENTION: ASSOCIATED WITH CONGENITAL LIPOID ADRENAL HYPERPLASIA
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Palane
                                                                                                                                 CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                 COMPUTER: IBM Compatible OPERATING SYSTEM: DOS
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STREET: 5 Palo Alto Square
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                                                                                                                                             Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Lin,
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FastSEQ for Windows Version 2.0
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Pred. No. 5.1e+02;
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Query Match
Best Local Similarity
Matches 15; Conserva
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 8, Applic Patent No. 5840579
                                            ATTORNEY AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REFERENCE/DOCKET NUMBER: 01107.03170
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
TELEPAX: 202-508-9299
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                   APPLICATION NUMBER: US/08/795,006A FILING DATE: 05-FEB-1997 CLASSIFICATION: 435 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Kagan, Sarah A
REGIESTON NUMBER: 32,145
REFERENCE/DOCKET NUMBER: 11
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Brachmann, Rainer
TITLE OF INVENTION: MUCLEIC ACIDS ENCODING P53
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTA- TIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 01-MAY-1
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U
                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 202 BMB UT
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Pred. No. 5.1e+02;
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RESULT 475
US-08-293-779-1
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                                                   Matches
                                                                  Query Match 0.3%; Score 14.4; DB 1; Length 19; Best Local Similarity 93.8%; Pred. No. 5.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/08293779 Patent No. 5851762
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                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/971,856
FILING DATE: 09-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Terlizzi, Laura
REGISTRATION NUMBER: 31,307
REFERENCE/DOCKET NUMBER: M-1648-1P US
TELLECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (408) 283-1233
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/293,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
                                                                                                                              POSITION IN GENOME:
CHROMOSOME/SEGMENT: 6
                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                  ORIGINAL SOURCE:
                                                                                                                                                                                                                  MOLECULE TYPE: DE HYPOTHETICAL: NO ANTI-SENSE: NO
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NUMBER OF SEQUENCES: 2
                                                                                                                                                                  ORGANISM: Homo sapiens
DEVELOPMENTAL STAGE: A
                                                                                                                                                                                                                                                                 LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
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4685 TGAGCCAGTCCTGGGA 4700
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                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                  (408) 283-1222
                                                                                                                                                                                                                                                  DNA (genomic)
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Genomic Mapping by Direct Haplotyping
Using Intron Sequence Analysis
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                                                    Mismatches
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                                                    Indels
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GENERAL INFORMATION:
APPLICANT: Dowling, Patricia W.
APPLICANT: Counging, Julius S.
APPLICANT: The University of Pittsburgh, of the Command of Title Of Invention: COLD-ADAPTED EQUINE INFLUENZA VII FILE REFERENCE: EQ-1-C2
CURRENT APPLICATION NUMBER: US/09/506,286B; CURRENT FILING DATE: 2000-02-16
CURRENT FILING DATE: 2000-02-16
PRIOR APPLICATION NUMBER: 09/13,921
PRIOR APPLICATION NUMBER: PCT/US99/18583
PRIOR FILING DATE: 1999-08-12
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US-09-506-286B-40
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Best Local S
Matches 15
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Patent No. (
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APPLICANT: Boeke, Jef
APPLICANT: Brachmann,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION UNMBER: 32141
REFERENCE/DOCKET NUMBER: 0110
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NUCLEIC ACIDS ENCODING P53
TITLE OF INVENTION: MUTATIONS WHICH SUPPRESS P53 CANCER MUTA- TIONS NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
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1001 G Street, NW
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SYSTEM: DOS
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Pred. No. 5.1e+02;
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                                                                                                                                                           of the Commonwealth
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RESULT 479
US-09-184-072-8
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US-09-422-978-11316/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.02009/422,978
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                         Sequence 8, Application US/09184072
Patent No. 6566056
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LENGTH: 19
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SEQ ID NO 40
                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                        APPLICANT: BOEKE, JEF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
                                                                                                    APPLICANT: BRACHMANN, RAINER
TITLE OF INVENTION: GENETIC ASSAYS AND STRAINS
TITLE OF INVENTION: USING TP23
                                                                  NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
                             STREET:
                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                           5262 GTAAAGTGGAAGGAAG 5277
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Similarity 93.8%;
Washington
DC
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                           E: Banner & Witcoff, Ltd
1001 G Street, N.W.
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Pred. No. 5.1e+02;
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Pred. No. 5
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APPLICANT: The University of Pittsburgh - of the Commonwealth APPLICANT: Education
APPLICANT: Education
APPLICANT: Dowling, Patricia W.
APPLICANT: Dowling, Patricia W.
APPLICANT: Voungner, Unlius S.
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
FILE REFERENCE: EQ-1-C1-PUS (formerly HKZ-033CPUS)
CURRENT APPLICATION NUMBER: US/09/762,861B
CURRENT APPLICATION NUMBER: US/09/762,861B
CURRENT ETLING DATE: 2001-02-13
PRIOR APPLICATION NUMBER: PCT/US99/18583
PRIOR APPLICATION NUMBER: 09/133,921
PRIOR PILING DATE: 1998-08-12
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 43
NUMBER OF SEQ ID NOS: 43
                                     Query Match
Best Local Similarity
Thes 15; Conserve
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US-09-762-861B-40
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                                                                                                                              ; OTHER INFORMATION: Synthetic Primer US-09-762-861B-40
                                                                                                                                                                                                                                     SOFTWARE: PatentIn version 3.1 SEQ ID NO 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 40, Applicate Patent No. 6579528 GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
                                                                                                                                                                              ORGANISM: Artificial sequence
                                                                                                                                                                                                 TYPE: DNA
                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                      LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
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LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: 202-508-9100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/6
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/184,072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
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REGISTRATION NUMBER: 32
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
4491 AGCCGTACCTTCACCT 4506
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                                                        Conservative
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Pred. No. 5.1e+02;
                                                                        Score 14.4; DB 1;
Pred. No. 5.1e+02;
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                                                                                            DB 1;
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AGCCGTACCTTCATCT 16

APPLICANT:

Krawczyk,

Steven

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RESULT 483
PCT-US91-03680-2/c
; Sequence 2, Application PC/TUS9103680
; GENERAL INFORMATION:
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; Sequence 2070, Application US/09696791
; Patent No. 6770633
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US-09-696-791-2070
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                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Pat
SEQ ID NO 2070
LENGTH: 19
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Loc
Matches
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SEQ ID NO 40
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APPLICANT: Youngner, Julius S.
TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
FILE REFERENCE: EQ-1-C2-1
CURRENT APPLICATION NUMBER: US/10/065,133A
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: PCT/US99/18583
PRIOR PILING DATE: 1999-08-12
PRIOR PILING DATE: 1999-08-13
PRIOR PILING DATE: 1998-08-13
PRIOR FILING DATE: 1998-08-13
RIOR FILING DATE: 1998-08-13
RUMBER: OP SEQ ID NOS: 108
                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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                                                                                                                                                                                                                          / Match 0.3%;
Local Similarity 93.8%;
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nes 15; Conserv
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Matteucci, Mark D.
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93.8%; Pred. No. 5.1
tive 0; Mismatches
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Pred. No. 5.
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INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best
                                                                                                                                                                                                                                                                                                            Sequence 3,
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                                                                                                                                                                                                                                                                                             Patent No.
                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                               APPLICANT:
APPLICANT:
COUNTRY: USA
ZIP: 92101-4297
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                            APPLICANT: Shiga, Toshi
TITLE OF INVENTION: METHODS FOR BREEDII
TITLE OF INVENTION: MALE STERILE PLANT
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEPAX: 415-327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AUURESSEE: Morrison & Poerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
                                                                                            STREET: 401 B. CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KBY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 199105 CLASSIFICATION: 435
                                                                                  STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4N4-ethanocytosine deoxynucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 46
                                                                                                                                  ADDRESSEE:
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                                                                                                                B: James C. Weseman
401 B. Street, Suite 1700
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                                                                                                                                                                                                                           Kagami, Tsut
                                                                                                                                                                                                                                                              Akamatsu,
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.3%;
                                                                                                                                                                                               METHODS FOR BREEDING
                                                                                                                                                                                                                                                              Toyokazu
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Pred. No. 5.1e+02;
0; Mismatches 1
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RESULT 485
US-09-009-913-317
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TELEX:
INPORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
LENGTH: 70 base acid
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INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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APPLICANT: Axys P
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOPTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Sherwood, Pamela J
REGISTATION NUMBER: 36,677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 200
CITY: Palo Alto
CTATE: CA
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APPLICATION NUMBER: JP 174499
FILING DATE: 14-JUL-1993
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
FILING DATE:
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REGISTRATION NUMBER: 30,507
REFERENCE/DOCKET NUMBER: PO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 699-3604
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APPLICATION NUMBER: US,
FILING DATE: 30-MAR-19;
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic & Reed, LLP
STREET: 285 Hamilton Ave, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: 21-JAN CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           / Match 0.3%; Score 14.4; DB 1; Length 20; Local Similarity 93.8%; Pred. No. 5.3e+02;
                                                                                                 TELEFAX: 650-327-3231
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VENTION: Asthma Related Genes
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                                                                                                                                                                                                                                                                                                                  21-JAN-1998
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US-09-313-932-394/c

| Sequence 394, Application US/09313932A

| Patent No. 6226642

| GENERAL INFORMATION:
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US-08-872-855-13/c
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/872,855
PILING DATE: 11-JUN-1997
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: ARDOLA, Beth B.
NAME: ARDOLA, Beth B.
NAME: ARDOLA, Beth B.
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Best Local Similarity
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APPLICANT: McCarthy,
APPLICANT: Gearing,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 617-832-7000 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
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ADDRESSEE: FOLEY, HOAG & ELIOT
STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
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STRANDEDNESS: sing
TOPOLOGY: linear
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ZIP: 02109-2170
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MAA-003.02
                                                                                                                                                                                                                                                                                                                                         3960 GGTGGCAGGCCTCTG 3975
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David
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                                                                                                                                                                                                                                                                                                                                                                                                               Score 14.4; DB 1;
Pred. No. 5.3e+02;
0; Mismatches 1
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Pred. No. 5.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 1;
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APPLICANT: Baker, Brenda APPLICANT: Bennett, C. Frank APPLICANT: Butler, Madeline M.

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                                                     ; ANTI-SENSE:
US-09-021-701-551
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 488
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CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 394
LENGTH: 20
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Best Local Similarity
Matches 15; Conserv
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                 Query Match
 Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                                                                                                                                                                                                    TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                   HYPOTHETICAL:
                                                                                                   MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Methods for evaluating oligonucleotide TITLE OF INVENTION: probe sequences NUMBER OF SEQUENCES: 1165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE: 10-FEE CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94304
                                                                                                                      TOPOLOGY:
                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
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                                                                                                                                                    nucleic acid
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Kincaid, Rober
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                                                                                                                        linear
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                                                                                                        CDNA
                                                                                                                                      single
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Pred. No. 5.3e
0; Mismatches
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Score 14.4; DB 1;
Pred. No. 5.3e+02;
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GENERAL INFORMATION:

Shannon, Kare Wolber, Paul

Karen W. Paul K.

APPLICANT: APPLICANT: APPLICANT:

Kincaid, Robert H.

Delenstarr, Glenda C. Webb, Peter G.

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US-09-021-701-553/c
; Sequence 553, Application US/09021701
; Patent No. 6251588
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                                               RESULT 490
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Best Local
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                                                                                                                                                                                                                                                                                                                               TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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APPLICANT:
APPLICANT:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PATEN: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/021,701
FILING DATE: 10-FEB-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
                                                                                                                                                                                                                              HYPOTHETICAL:
ANTI-SENSE: NO
                                                                                                                                                                                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
TELEPHNE: 650-236-2386
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CORRESPONDENCE ADDRESS:
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CITY: Palo Alto
                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
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ZIP: 94304
                                                                                                                                                                                                                                                                           STRANDEDNESS: single TOPOLOGY: linear
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                                                                                                                       5403 AAAAAAGAAAAATGA 5418
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WENTION: Methods for evaluating oligonucleotide
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Wolber, Paul
                                                                                                                                                     Conservative
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                                                                                                                                                                   Score 14.4; DB 1
Pred. No. 5.3e+02
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                                                                                                                                                                                   DB 1;
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                                                                                                                                                                                Length 20;
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Best Local (
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APPLICANT: Shannon
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: cDNA HYPOTHETICAL: NO ANTI-SENSB: NO
                                                                                                                                                                                                                                                                                                                                                                                                                 tent No.
                                                                                                                                              STREET: 3000
CITY: Palo Alto
STATE: CA
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NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
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APPLICATION NUMBER: US/09/021,701
FILLING DATE: 10-FEB-1998
CLASSIFICATION:
                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                   TITLE OF INVENTION: Methods for evaluating oligonucleotide TITLE OF INVENTION: probe sequences NUMBER OF SEQUENCES: 1165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compati
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ADDRESSEE: Records N
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                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Palan-
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OPERATING SYSTEM: PC-DOS/MS-DOS
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STATE: CA
SOFTWARE: Patentin Release #1.0, Version #1.30 RRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
                                                                                                                         COUNTRY: U
                                                                                                                                                                                              ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard Company M/S 20 STREET: 3000 Hanover Street
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3000 Hanover Street
                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/09021701
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Webb, Peter G.
Kincaid, Robert H.
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1165
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                                                                                                                                                                                                                                                                                                                                                                              Karen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       553:
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; MOLECULE TYPE: (
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-021-701-554
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US-09-021-701-555/c
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Patent No. 6251588
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                      TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO:
                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                            ZIP: 98304
COMPUTER READABLE FORM:
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
TITLE OF INVENTION: probe sequences
NUMBER OF SEQUENCES: 1165
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION: NAME: Choi, Wendy A.
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TOPOLOGY: linear
                                                                                                                                                                                                                          APPLICATION NUMBER: US/0 FILING DATE: 10-FEB-1998 CLASSIFICATION:
                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Palo Alto
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
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3000 Hanover Street
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Wolber, Paul
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Pred. No. 5.
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                                                                                                                   US-09-661-753-56
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                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 68
SEQ ID NO 56
LENGTH: 20
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GENERAL INFORMATION:
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CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 51
LENGTH: 20
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Patent No. 6426188
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
                                                         Matches
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Best Local Similarity
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CURRENT FILLING DATE: 2000-09-14
EARLIER APPLICATION NUMBER: 60/154,546
EARLIER FILING DATE: 1999-09-17
                                                                                                                                                                                                                                                                                                     APPLICANT: Nicholas M. Dean
APPLICANT: Nicholas M. Dean
APPLICANT: Susan F. Murray
TITLE OF INVENTION: ANTICENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ANTISENSE FILE REFERENCE: RTS-0125
                                                                                                                                                                                                                                                                                                  FILE REFERENCE: ISPH-0498
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                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                             TYPE: DNA
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                           3695 GCGTGCCTTCTCCTGC 3710
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                                                                       Similarity
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                                                                                                                                                                                                                                                                                                                                                                                      Application US/09661753
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Pred. No. 5.
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Pred. No. 5.3e+02;
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Pred. No. 5
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US-09-658-679A-52/c
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Best Local S
Matches 15
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APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0186
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SEQ ID NO 52
LENGTH: 20
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SEQ ID NO 41
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SEQ ID NO 54
LENGTH: 20
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Best Local Similarity
                                CURRENT APPLICATION NUMBER: US/09/658,679A
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 87
                                                                                   APPLICANT: Ian Popoff
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/658,679A CURRENT FILING DATE: 2000-09-08
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CURRENT APPLICATION NUMBER: US/09/780,175
CURRENT FILING DATE: 2001-02-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Robert McKay
APPLICANT: Susan M. Freier
APPLICANT: Jacqueline Wyat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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Pred. No. 5.3e+02;
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Pred. No. 5.
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US-09-517-467B-127
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                                                                                                                  US-09-920-672-24
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No. 645530
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SEQ ID NO 127
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                         NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                     Patent No. 6455308
GENERAL INFORMATION:
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Best Local Similarity
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GENERAL INFORMATION:
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APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/920,672
CURRENT FILING DATE: 2001-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Ian Popoff
APPLICANT: Lex M. Coweart
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR PILING DATE: 2000-03-02
NUMBER OF SEC IN MICH. 200
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                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                               FEATURE:
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                            4030 GTGGCTCTCCAAGGGG 4045
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Pred. No. 5.3e+02;
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Pred. No. 5.3e+02;
                                                                       Score 14.4; DB 1;
Pred. No. 5.3e+02;
                                                        Mismatches
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FILE REFERENCE: 09705/009011
CURRENT APPLICATION NUMBER: US/09/434,066
CURRENT FILING DATE: 1999-11-05
NUMBER OF SEO ID NOS: 23
SOPTWARE: PASTSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8
FILE REFERENCE: RTS-0246
CURRENT APPLICATION NUMBER: US/09/920,668
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 49
LENGTH: 20
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Patent No. 6465714
GENERAL INFORMATION:
PATENT NO. 6503756

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
SUBAN M. Freier
APPLICANT:
JACQUELINE WYATT
TITLE OF INVENTION:
ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
FILE REFERENCE: RTS-0127
CURRENT APPLICATION NUMBER: US/09/668,313A
CURRENT APPLICATION DATE: 2000-09-22
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Patent No. 6482644
GENERAL INFORMATION:
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APPLICANT: Galli, L.G. Joakim
TITLE OF INVENTION: Congenic Animal Models of No.
TITLE OF INVENTION: Dependent Diabetes Mellitus
                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
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nes 15; Conserv
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Pred. No. 5.3e+02
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Pred. No. 5.3e+02.
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RESULT 503
US-09-954-560-47/c
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                                                                                                              CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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Best Local S
Matches 15
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SEQ ID NO 247
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 47, Application US Patent No. 6524854 GENERAL INFORMATION:
APPLICANT: Brett P. Monia APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                      Sequence 7609, Application US/09422978 Patent No. 6537751
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SEQ ID NO 47
                                                                                              SEQ ID NO 7609
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ORGANISM: Artificial Sequence
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                             TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
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Local Similarity 93.8%;
les 15; Conservation
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Pred. No. 5.3e+02;
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Pred. No. 5.3e+02;
0; Mismatches 1
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RESULT 507
US-09-232-785-374/c
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; ORGANISM: Chlamydia
US-09-198-452A-6012
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Best Local S
Matches 15
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APPLICANT: Griffais, R.
APPLICANT: INVENTION: Chlamydia pneumoniae genomic sequence and
TITLE OF INVENTION: thereof and uses thereof, in particular f
TITLE OF INVENTION: and treatment of infection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6012
LENGTH: 20
                                                                                                                            Query Match
Best Local (
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APPLICANT: Jacqueline Wyatt
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Best Local
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CURRENT FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 105
                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0179
                                                                                                                                                                                                             LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 5.3e
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Pred. No. 5
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Sequence 374, Application US/09232785 Patent No. 6733965

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FILE REFERENCE: 4481/IEI88US1
CURRENT APPLICATION NUMBER: US/09/232,785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232,884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: PASTSEQ for Windows Version 3.0
SEQ ID NO 374
LENGTH: 20
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Scholler, Nathalle B.
APPLICANT: Hellstrom, Ingegerd
ITILB OF INVENTION: CARCINOMAS
FILE REFERENCE: 730033.410
CURRENT APPLICATION NUMBER: US/09/513,597A
CURRENT FILING DATE: 2000-02-25
NUMBER OF SEQ ID NOS: 22
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: DE SALEGE
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                                                                                                               Sequence 82, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
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Best Local Similarity
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TITLE OF INVENTION: MICROSATELITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
                                  NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
STREET: 60. Madison
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Local Similarity 93.8%;
see 15; Conservative
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Wisconsin
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                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                          0.3%; Score 14.4; DB 1;
93.8%; Pred. No. 5.3e+02;
tive 0; Mismatches 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 14.4; DB 1;
Pred. No. 5.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20,
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US-08-321-080-8/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
             OPERATING SYSTEM: Microsoft Windows
SOFTWARE: Microsoft Word, V2.0C
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/321,080
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US/08/129,721
APPLICATION NUMBER: US/08/129,721
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 07/341,562
FILLING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: WANDEL
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                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
COMPUTER: IBM
                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
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IMMEDIATE SOURCE:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                      STREET: 1007 Mar)
CITY: Wilmington
STATE: Delaware
                                                                                                                                                                                                                                    ZIP: 19898
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                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                            ADDRESSEE: E. I. du Pont de
ADDRESSEE: and Company
STREET: 1007 Market Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH:
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Pred. No. 5.5e+02;
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
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NAME/KEY: OCW98
LOCATION: 1..19
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Leclerc, Guy
APPLICANT: Martel, Remi
TITLE OF INVENTION: OF PREPARATION AND THERAPEUTIC USES THEREOF
                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1398-1-001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/756,728A FILING DATE: 26-NOV-1996 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
ODERATING SYSTEM: PC-DOS/MS-DOS
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LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                            SEQUENCE CHARACTERISTICS
LENGTH: 19 base pairs
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
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REFERENCE/DOCKET NUMBER: BB-1045-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (302) 892-7342
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TELEFAX: 133521
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TELEFAX: 835420
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ATTORNEY/AGENT INFORMATION
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Local Similarity 84.2%;
nes 16; Conservative
                                                                                                  LENGTH: 19 base pairs
                                      STRANDEDNESS:
TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Hackensack
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single
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       TYPE:
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                                         linear
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other nucleic acid
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Pred. No. 5.5e+02;
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SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomi
US-08-470-426B-21
  뭉
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; DESCRIPTION: /(; HYPOTHETICAL: NO US-08-756-728A-1
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Best Local Similarity 84.2
Matches 16; Conservative
                                                                                  Matches
                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 21, Appli
Patent No. 5856458
                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/470,426B
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 2-153402
PILING DATE: 12-JUN-1990
ATTORNEY/AGENT INFORMATION:
NAME: Weilacher, Robert G.
REGISTRATION NUMBER: 20,531
REGISTRATION NUMBER: 20,531
REFERENCE/DOCKET NUMBER: 06/59-47083.1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                               TELEPHONE: (202) 659-2811
TELEPAX: (202) 659-1462
INFORMATION FOR SEQ ID NO: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 20036
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: NAKAMUTA, Tetsuo
TITLE OF INVENTION: OLIGONUCLEOTIDE PRIMERS, AND THEIR
TITLE OF INVENTION: APPLICATION FOR HIGH-FIDELITY DETECTION OF NON-A, NON-B
TITLE OF INVENTION: HEPATITIS VIRUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Washington STATE: DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Beveridge, DeGrandi, Weilacher & Young, ADDRESSEE: L.L.P.
                                       3672 GGTAGTACCGGTGGAACTC 3690
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19 GGTTGTACCGGATGAACTC 1
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1850 M Street, N.W., Suite 800
                                                                                  Conservative
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                                                                                                                                                                                     DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.3%; Score 14.2; DB 1;
84.2%; Pred. No. 5.5e+02;
                                                                                                    0.3%; Score 14.2; DB 1;
84.2%; Pred. No. 5.5e+02;
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                                                                                     Mismatches
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RESULT 513 US-08-469-852A-2/c

Sequence 2, Application US/08469852A Patent No. 5874213

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 84.4
16; Conservative
                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 19 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/295,509
PILING DATE: 24-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: MICHAEL P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: ISIS-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SENERAL INFORMATION:
STREET: 633 ...
STREET: LOS Angeles
CITY: LOS Angeles
CMATE: California
                                                                                                                      APPLICANT: RONALD G. SOBNOWSKI
TITLE OF INVENTION: SELF-ADDRESSABLE
TITLE OF INVENTION: SELF-ASSEMBLING
TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSI
TITLE OF INVENTION: AND DIAGNOSTICS
                                                                                                                                                                                                                                                                   APPLICANT: Michael APPLICANT: Bugene ?
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MEDIUM TYPE: 3.5 inc
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,852A
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                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 215-568-3100
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OPERATING SYSTEM: PC-DOS/Ms-man
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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TOPOLOGY: lir
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213ris LLP
                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         5393 AAAAAATACAAAAAAGAA 5411
                                                                                                                                                                                                                                                                                                                       16, Application US/08271882B
o. 6017696
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                                                B: Lyon & Lyon
633 West Fifth Street
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                                                                                                                        DEVICES FOR MOLECULAR BIOLOGICAL ANALYSIS AND DIAGNOSTICS
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84.2%; Pred. No. 5.5e+02
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Best Local Similarity 84.2%;
Matches 16; Conservative
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ATTORNEY/AGENT INFORMATION:
NAME: Murphy, David B.
REGISTRATION NUMBER: 31,125
REFERENCE/DOCKET NUMBER: 207/263
TELECOMMUNICATION INFORMATION:
TELESPIONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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APPLICANT: E
APPLICANT: E
APPLICANT: S
                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
                                                   APPLICATION NUMBER: US/08/295,509B FILING DATE: 24-AUG-1994 CLASSIFICATION: 435 ATTORNEY/AGENT INFORMATION: NAME: Michael P. Straher
                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEB: Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPorfect (Version 5.1)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Capillary Electrophoretic Detection TITLE OF INVENTION: Nucleic Acids
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APPLICATION NUMBER: (
TELECOMMUNICATION INFORMATION:
                REGISTRATION NUMBER: 38,325 REFERENCE/DOCKET NUMBER: IS
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                                                                                                                                                                                                                                                                       ZIP: 19103
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Freier, Susan M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lendell L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Susan G.
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Pred. No. 5.5e+02
                  SIS-1395
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TELEPHONE:

215-568-3100

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RESULT 517
US-09-016-520-20/c
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US-09-234-237-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/234,237
CURRENT FILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 1
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Leeds, Janet M
APPLICANT: Cummins, Lendell L
TITLE OF INVENTION: Fluorescence Based Nuclease Assay
FILE REFERENCE: ISIS3308
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Patent No. 6127124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                       SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 20
                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
                                                                                                                                                                                                                                                                                                                                   Sequence 20, Application US/09016520A Patent No. 6127533
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                      CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
                                                                                                                                                                                                                               APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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INFORMATION FOR SEQ ID NO:
                                                                                                                                           NUMBER OF SEQ ID NOS: 47
ORGANISM: Artificial Sequence FEATURE: NAME/KEY: misc_feature LOCATION: (15)..(18)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                       LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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Pred. No. 5.5e+02
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Pred. No. 5.5e+02;
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CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                         RESULT 519
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                                                                                                                                                                                                                                                                                                              Sequence 22, Application Patent No. 6127533
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Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                         APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                    TYPE: DNA
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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Pred. No. 5.
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Pred. No. 5.5e+02;
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RESULT 521
US-09-016-520-24/c
; Sequence 24, Application US/09016520A
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
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CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEG ID NOS: 47
SOFTWARE: PATENTIN VEY: 2.1
SEG ID NO 23
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GENERAL INFORMATION:
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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NAME/KEY: misc_feature
LOCATION: (16)..(19)
LOCATION: 5-m
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TYPE: DNA
ORGANISM: Artificial Sequence
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LOCATION: (15)..(18)
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Pred. No. 5.5e+02;
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Pred. No. 5.5e+02;
0; Mismatches 3
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RESULT 523
US-09-016-520-26/c
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                                                                                                                                                                      Sequence 26, Application US/09016520A Patent No. 6127533 GENERAL INFORMATION:
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CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PREENTIN Ver. 2.1
SEQ ID NO 25
LENGTH: 19
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GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
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LOCATION: (16)..(19)
OTHER_INFORMATION: 5-methyl-2'-0-propyl
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FEATURE:
FEATURE:
NAME / KEY:
LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
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ORGANISM: Artificial Sequence
FEATURE:
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nes 16; Conservative
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Pred. No. 5.5e+02;
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Pred. No. 5.5e+02;
0; Mismatches 3
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APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 27
LENGTH: 19
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                                                                                                                                                                                        RESULT 525
               Sequence 31, Application US/09016520A
Patent No. 6127533
GENERRAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Amincoxy-Modified Oligonuclectides
FILE REFERENCE: ISIS2824
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Matches
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Best Local S
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Best Local Similarity
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SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 26
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NAME/KRY: misc_feature
LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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LOCATION: (18)
OTHER_INFORMATION: 5-methyl-2'-methoxyethoxy
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TYPE: DNA
ORGANISM: Artificial Sequence
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19 AAAAAAAAAAAAAA 1
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APPLICATION NUMBER: US/09/016,520A
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Similarity 84.2%;
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Pred. No. 5.5e+02;
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Pred. No. 5.
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                                                                                                                                                                                                                                                                                                                                                     Length 19;
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US-09-016-520-34/c RESULT 527

Sequence 34, Application US/09016520A Patent No. 6127533
GENERAL INFORMATION:

APPLICANT: Kawasaki, Andrew APPLICANT: Cook, Phillip D APPLICANT: Manoharan, Muthi

Manoharan, Muthiah

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                                                                                                                                              US-09-016-520-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-016-520-33/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 33, Application US/09016520A Patent No. 6127533
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EARLIER APPLICATION NUMBER: 60/C
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 31
                                                                      Matches
                                                                                       Query Match
Best Local
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                               FILE REPERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOPTWARE: Patentin Ver. 2.1
                                                                                                                                                            PEATURE:

NAME/KEY: misc_feature

LOCATION: (16)...(19)

OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE: FEATURE: OF ARTIFICIAL Sequence: Synthetic OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence
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                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                               LENGTH:
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                                  5393 AAAAAAATACAAAAAAGAA 5411
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                                                                      Score 14.2; DB 1
Pred. No. 5.5e+02
0; Mismatches
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Pred. No. 5.
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RESULT 529
US-09-378-568-4/c
; Sequence 4, Application US/09378568
; Patent No. 6147200
; GRNERAL INFORMATION:
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                                                                                                                                                                                                                                                                                            ; NAME/KBY: misc_feature
; LOCATION: (15)...(18)
; OTHER INFORMATION: 2'-methyleneiminooxyethoxy
US-09-016-520-44
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Matches
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CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 34
LENGTH: 19
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 44
LENGTH: 19
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                                                                                                                                                                                                                                                         Query Match
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Best Local Similarity
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APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/016,520A
CURRENT FILING DATE: 1998-01-30
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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ilarity 84.2%;
Conservative
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Sequence
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Pred. No. 5.5e+02;
0; Mismatches 3
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Pred. No. 5.5e+02,
0; Mismatches
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US-09-130-973-20/c
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Cook, Phillip Dan
APPLICANT: Fraser, Allister S
APPLICANT: Fraser, Allister S
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: 2'-0-acetamido Modified Monomers and Oligomers
FILE REFERENCE: 15154071
CURRENT APPLICATION NUMBER: US/09/378,568
CURRENT APPLICATION NUMBER: US/09/378,568
CURRENT FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                           PILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 20
LENGTH: 19
                                                                          Matches
                                                                                            Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
TITLB OF INVENTION: Making Same
                                                                                                                                                    FRATURE:
NAME/KEY: misc feature
NAME/KEY: (15)..(18)
LOCATION: (15)..(18)
OTHER INFORMATION: 5 methyl, 2'-aminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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AAAAAAAAAAAAAAAA 1
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Pred. No. 5.5e+02;
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Pred. No. 5.5e+02;
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RESULT 531 US-09-130-973-21/c Sequence 21, Application US/09130973 ; Patent No. 6172209

GENERAL INFORMATION: APPLICANT: Manohar

APPLICANT:

Manoharan, Muthia Cook, Phillip Dan

Muthiah

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PEATURE:

NAME/KEY: misc_feature

LOCATION: (15)..(18)

OTHER INFORMATION: 5 methyl, 2'-dimethylaminooxyethoxy

OTHER INFORMATION: Description of Artificial Sequence:

OTHER INFORMATION: Sequence

US-09-130-973-21
                                                      RESULT 533
US-09-130-973-23/c
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
GENERAL INFO
                            Sequence 23, Application Patent No. 6172209
                                                                                                                                                                                Matches
                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 22
LENGTH: 19
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Patent No. 6172209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Aminooxy-Modified Ol:
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Prakash, TAPPLICANT: Kawasaki,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE:
                                                                                                                                                                                                                                                  LOCATION: (15)..(18)
OTHER INFORMATION: 2'-O-methoxyethyl (MOE)
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                 FEATURE:
NAME/KEY: misc feature
LOCATION: (15)..(18)
                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                              Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                           5393 AAAAAAATACAAAAAAAGAA 5411
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              INFORMATION:
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Similarity 84.2%;
                                                                                                                     AAAAAAAAAAAAAAAAAA 1
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Kawasaki, Andrev
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Cook, Phillip Dan
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Manoharan,
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llarity 84.2%;
Conservative
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Aminooxy-Modified Oligonucleotides And
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 Muthiah
                                           US/09130973
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Pred. No. 5.5e+02;
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Pred. No. 5.
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US-09-130-973-24/c
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                                                                                                                                                                                                                                                                               SOFTWARE: Pa
SOFTWARE: Pa
SEQ ID NO 24
                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
TITLE OF INVENTION: Making Same
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Best Local S
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APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
ITTLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT PILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
150 DNO 23
                                                                                  Query Match
Best Local
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                                                                 Matches
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CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
COPTUAND PROFESSION OF SEQ ID NOS: 58
                                                                                                                                          NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-O-methoxyethyl
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 2'-O-dimethylaminooxyethyl OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: Sequence
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                                                                                                                                                                                                                                    FEATURE:
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                                                                                                                                                                                                                                                                 TYPE: DNA
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                                5393 AAAAAAATACAAAAAAGAA 5411
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Pred. No. 5.5e
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Pred. No. 5
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RESULT 535 US-09-130-973-25/c

Sequence 25, Application US/09130973 Patent No. 6172209 GENERAL INFORMATION:

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; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 5 methyl, 2'-dimethylaminooxyethyl
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Sequence
US-09-130-973-26
RESULT 537
US-09-130-973-27/c
; Sequence 27, Application US/09130973
; Patent No. 6172209
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SEQ ID NO 25

LENGTH: 19

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-O-propyl
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
OTHER INFORMATION: Sequence
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                                                                                                                                                                                 Matches
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LENGTH: 19
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TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILLING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
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CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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Aminooxy-Modified Oligonucleotides And Methods
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Pred. No. 5.5e+02
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Pred. No. 5.5e+02;
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CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 31
LENGTH: 19
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Best Local Similarity
Matches 16; Conserv
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LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
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                                     Matches
                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Aminoxy-Modified Ol:
TITLE OF INVENTION: Making Same
FILE REFERENCE: ISIS3955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOPTWARE: Patentin Ver: 2.1
                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For
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APPLICANT: Cook, Phillip Dan
APPLICANT: Praksah, Thazha P
APPLICANT: Kawasaki, Andrew M
                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE:
                                                                                                                    FEATURE:
NAME/KEY: misc feature
LOCATION: (15). (18)
OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE)
OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: 5 methyl, 2'-0-methoxyethyl OTHER INFORMATION: Description of Artificial S OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                         TYPE: DNA
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LOCATION: (18)
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5393 АЛАЛАЛАТАСАЛАЛАДСАА 5411
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                                     Conservative
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Pred. No. 5.
                                                          Score 14.2;
Pred. No. 5
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RESULT 539 US-09-130-973-33/c ; Sequence 33, Application US/09130973

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RESULT 540
US-09-130-973-34/c
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LENGTH: 19
                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 34, Application US/09130973 Patent No. 6172209
                                                                       Matches
                                                                                      Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REPERRNCE: ISIS2955
CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides And Methods For TITLE OF INVENTION: Making Same FILE REFERENCE: ISIS2955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)...(19)
OTHER INFORMATION: 2'-dimethylaminooxyethyl thymidine (T-2'-DMAOE)
OTHER INFORMATION: Description of Artificial Sequence: No. 617220
OTHER INFORMATION: Sequence
                                                                                                                                                            ORGANISM: Artificial Sequence
FEATURE:
PEATURE:
PEATURE:
LOCATION: (16)...(19)
OTHER INFORMATION: Description of Artificial Sequence:
No. 6172209el
OTHER INFORMATION: Sequence
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                      5393 AAAAAAATACAAAAAAGAA 5411
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19
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AAAAAAAAAAAAAAAA 1
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Cook, Phillip Dan
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                                                                     Conservative
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                                                                                      Score 14.2; DB 1
Pred. No. 5.5e+02
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Pred. No. 5.5e+02;
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                                                                                                           DB 1;
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RESULT 541 US-09-130-973-44/c

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SEQ ID NO 20
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Patent No. 6194598
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SEQ ID NO 44
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Best Local
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLB OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISISS824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/130,973
CURRENT FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 58
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                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: 60/0
PRIOR FILING DATE: 1997-02-14
                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
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APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew I
                                                                                                                                                                                                                                                                LENGTH: 19
                                                                                                                                        LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
OTHER INFORMATION: Description of Artificial
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-O-methyleneiminooxyethyl thymidine
                                                                                                                                                                                               NAME/KEY: misc_feature OCATION: (15)..(18)
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                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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AAAAAAAAAAAAAAAA 1
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                                                                               Score 14.2; DB 1;
Pred. No. 5.5e+02;
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Pred. No. 5
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                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
SOFTWARE: Patentin Ver. 2.1
Query Match
Best Local Similarity 84.2
Conservative
                                                                                                                                                                                                                                                                                    SEQ ID NO 22
LENGTH: 19
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Best Local Similarity 84.2%;
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LENGTH: 19
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Patent No. 6194598
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REPERENCE: ISIS2824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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TYPE: DNA

ORGANISM: Artificial Sequence

PEATURE:

PEATURE:

NAME/KEY: misc_feature

LOCATION: (15)..(18)

OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Sequence
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                                                                                                                      NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                             0;
                             Score 14.2; DB 1;
Pred. No. 5.5e+02;
0; Mismatches 3;
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Pred. No. 5.5e+02
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US-09-477-902-24/c
                                                                                                                                                                SOFTWARE: Par
SOFTWARE: Par
; SEQ ID NO 24
; STANCTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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SOFTWARE: PatentIn Vo
SEQ ID NO 23
LENGTH: 19
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GENERAL INFORMATION:
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Sequence 23, hype-
No. 6194598
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Best Local S
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CURRENT APPLICATION NUMBER: US/09/477,902

CURRENT FILING DATE: 2000-01-05

PRIOR APPLICATION NUMBER: 09/016,520

PRIOR FILING DATE: 1998-01-30

PRIOR APPLICATION NUMBER: 60/037,143

PRIOR FILING DATE: 1997-02-14
                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE:
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TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
OTHER INFORMATION: 5-methyl-2'.-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
                                                                                                       ORGANISM: Artificial Sequence FEATURE:
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                                                              NAME/KEY: misc_feature
LOCATION: (16)..(19)
                                                                                                                                                 TYPE: DNA
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Pred. No. 5.5e+02;
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ORGANISM: Artificial Sequence; FRATURE; FRATURE; MAME/KEY: misc_feature; LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-O-propyl; OTHER INFORMATION: Description of Artificial Sequence; Synthetic; OTHER INFORMATION: Sequence
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                                                                           SOFTWARE: POSEQ ID NO 26
LENGTH: 19
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Best Local Similarity
Matches 16; Conserv
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SEQ ID NO 25
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                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
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CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
                                                                                                                                                                                          NUMBER OF SEQ ID NOS:
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ORGANISM: Artificial Sequence
                                       TYPE: DNA
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Local Similarity 84.2%;
hes 16; Conservative
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ilarity 84.2%;
Conservative
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Pred. No. 5.5e+02;
0; Mismatches 3;
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Pred. No. 5.5e+02;
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RESULT 550
US-09-477-902-31/c
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APPLICANT: Cook, Phillip D
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Patent No. 6194598
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 27
LENGTH: 19
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Best Local Similarity
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Best Local Similarity
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              PRIOR APPLICATION NUMBER: 09/016,520
PRIOR FILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1997-02-14
NUMBER OF SEQ ID NOS: 47
                                                                                                             APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
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CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR PILING DATE: 1998-01-30
PRIOR APPLICATION NUMBER: 60/037,143
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APPLICANT: Mancharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
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NAME/KEY: misc_feature
LOCATION: (18)
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LOCATION: (18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Sequence
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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84.2%; Pred. No. 5.5e+02;
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Pred. No. 5.5e+02;
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SEQ ID NO 33
LENGTH: 19
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OF INVENTION: Aminooxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
                                                                                                                                                              Sequence 34, Application US/09477902
Patent No. 6194598
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Patent No. 6194598
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TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
FRIOR APPLICATION NUMBER: 09/016,520
PRIOR PILING DATE: 1998-01-30
PRIOR PILING DATE: 1998-01-30
PRIOR PILING DATE: 1997-02-14
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APPLICANT: Cook, Phill
APPLICANT: Manoharan,
APPLICANT: Kawasaki, A
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ORGANISM: Artificial Sequence
FEATURE:
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LOCATION: (16)..(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
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Similarity 84.2%;
16; Conservative
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Pred. No. 5.5e+02;
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Pred. No. 5
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RESULT 554 US-09-050-159-2

Sequence 2, Application US/09050159A Patent No. 6197505 GENERAL INFORMATION: APPLICANT: No. 6197505berg, Leif T APPLICANT: Andersson, Maria K APPLICANT: Linstrom, Per H

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OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Sequence; NAME/KBY: misc_feature; LOCATION: (15)...(18); OTHER INFORMATION: 2'-methyleneiminooxyethoxy US-09-477-902-44
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US-09-477-902-44/c
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                                                    Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                            SEQ ID NO 44
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Best Local Similarity
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APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Manoharan, Muthiah
APPLICANT: Kawasaki, Andrew
TITLE OP INVENTION: Aminoxy-Modified Oligonucleotides
FILE REFERENCE: ISIS2824
CURRENT APPLICATION NUMBER: US/09/477,902
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 09/016,520
PRIOR APPLICATION NUMBER: 60/037,143
PRIOR FILING DATE: 1998-01-30
PRIOR PILING DATE: 1997-02-14
                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 4:
SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Sequence NAME/KEY: misc_feature LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                         ENGTH:
                    5393 AAAAAAATACAAAAAAGAA 5411
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AAAAAAAAAAAAAAAA 1
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                                                                   Conservative
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                                                                Score 14.2; D. Pred. No. 5.5e. 0; Mismatches
                                                                   0
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Pred. No. 5.5e+02;
                                                                                      5e+02
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                                                                                                   Length 19;
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; OTHER INFORMATION: Description of Artificial Sequence: Sequences for ; OTHER INFORMATION: Labeling US-08-726-278-16
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                                                                                                                                                                                           RESULT 556
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APPLICANT: Heller,
APPLICANT: Tu, Euger
APPLICANT: Evans, Gl
APPLICANT: Sosnowski
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SEQ ID NO 16
LENGTH: 19
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Best Local (
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                                                                                                               GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/050,159A
CURRENT FILING DATE: 1998-03-27
EARLIER APPLICATION NUMBER: 60/042,930
EARLIER FILING DATE: 1987-04-03
NUMBER OF SEQ ID NOS: 133
APPLICANT: Blumenfeld, Marta
APPLICANT: 11ya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
                                                                                           APPLICANT: Cohen, Daniel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF FILE REFERENCE: 1248/1D042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Tu, Eugene
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Pred. No. 5.5e+02
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Pred. No. 5.5e+02
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CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
NUMBER OF SEQ ID NOS: 578
ESOFTWARE: Patent.pm
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Best Local Similarity
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                                                                             INFORMATION FOR SEQ ID NO:
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NAME/KEY: misc_feature
LOCATION: 1..19
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION NUMBER: US/08/853,774
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                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: LON
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Nehlsen-Cannarella, Sandra
APPLICANT: Fagoaga, Omar
APPLICANT: Szalay, Aladar
TITLE OF INVENTION: ABO HISTO-BLOOD GROUP O ALLELES OF THE BABOON
                                                         SEQUENCE CHARACTERISTICS
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CORRESPONDENCE ADDRESS:
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STRANDEDNESS: single
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                       TYPE:
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                                     ENGTH:
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               nucleic acid
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Pred. No. 5.5e+02;
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Sequence 5, Application US/09378665A
Patent NO. 6277982
Patent NO. 6277982
PATENTAL INFORMATION:
APPLICANT: Fraser, Allister S.
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Jung, Michael E.
APPLICANT: Jung, Michael E.
APPLICANT: Kawasaki, Andrew M.
TITLE OF INVENTION: Alkylation of Alcohols, Amines, Thi
TITLE OF INVENTION: Derivatives by Cyclic Sulfate Inter
FILE REFERENCE: ISISA072
CURRENT APPLICATION NUMBER: US/09/378,665A
CURRENT FILING DATE: 1999-08-20
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US-09-378-665A-5/c
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US-09-123-108-6
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LENGTH: 19
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APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
APPLICANT: Boswell, Herb
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Query Match
Best Local Similarity
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                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: No. 6277982el Sequence NAME/KRY: misc_feature LOCATION: (16) . (19) OTHER INFORMATION: 2'-modified T
                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                            FEATURE:
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84.2%;
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Pred. No. 5.5e+02
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Pred. No. 5.5e+02
   Score 14.2; DB 1;
Pred. No. 5.5e+02;
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RESULT 561
US-09-202-294-4/c
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                                                                                                                                                Query Match
Best Local Similarity
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                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (610) 454-3816
TELEPAX: (610) 454-3808
INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: FR 95/
PILING DATE: 14-APR-1995
PRIOR APPLICATION DATA:
APPLICATION UNMBER: WO PCT
PILING DATE: 12-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Savitzky Esq., Martin F.
REGISTRATION NUMBER: 29,699
REFERENCE/DOCKET NUMBER: EX950
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: GLUCOSE-INDUCIBLE RECOMBINANT VIRAL
TITLE OF INVENTION: VECTOR
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEB: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, Mailstop 3C43
CITY: Collegeville
                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                             LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Pred. No. 5.5e+02
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Sequence 4, Application US/09202294
Patent No. 6329519
GENERAL INFORMATION:
APPLICANT: Collingwood, Stephen P.
APPLICANT: Moser, Heinz B.

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US-09-303-586-15/c
; Sequence 15, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                    ; PEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-218-207-515
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                                                                                                                                                RESULT 563
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LENGTH: 19
TYPE: DNA
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SEQ ID NO 515
LENGTH: 19
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Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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Patent No. 634638
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APPLICANT: Douglas, Mark E.
TITLE OF INVENTION: Intermediates for oligonucleotides
FILE REFERENCE: 4-20900/A/MA2134/PCT
CURRENT APPLICATION NUMBER: US/09/202,294
CURRENT FILING DATE: 1999-03-15
EARLIER APPLICATION NUMBER: PCT/GB97/01490
EARLIER FILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blya Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: GENSET.018CP1
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Pred. No. 5.5e
0; Mismatches
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Pred. No. 5.5e+02;
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    Having A DNA Form And B-DNA Form Confirmational
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APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
ITITLE OF INVENTION: Oligonucleotides Having A |
FILE REFERENCE: ISIS310
CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 199-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 16
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                                                                                                                                         ; OTHER INFORMATION: US-09-303-586-16
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US-09-303-586-16/c
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                                                                 Query Match
Best Local S
Matches 16
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GENERAL INFORMATION:
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OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (16)...(17)
OTHER INFORMATION: 3' - O-MOE linkage
NAME/KEY: misc_feature
LOCATION: (17)...(18)
OTHER INFORMATION: 3' - O-MOE linkage
NAME/KEY: misc_feature
LOCATION: (18)...(19)
OTHER INFORMATION: 3' - O-MOE linkage
LOCATION: (18)...(19)
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CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
SEQ ID NO 15
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Best Local (
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                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: (17)...(18)
OTHER INFORMATION: 2' - (
NAME/KEY: misc_feature
LOCATION: (18)...(19)
                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                                                              OTHER INFORMATION: Oligonuclectide NAME/KEY: misc feature LOCATION: (16)...(17)
OTHER INFORMATION: 2' - O-MOE links
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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                               5393 ААААААТАСААААААСАА 5411
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                                                                                       Similarity
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Pred. No. 5.5e+02
                                                                                     Score 14.2; DB 1;
Pred. No. 5.5e+02;
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                                                                                                        DB 1;
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                                                                                                      Length 19;
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APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNP
FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOPTWARE: PatentIn version 3.0
SEQ ID NO 17
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US-09-303-586-18/c
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ORGANISM: Artificial Sequence FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (15)...(16)
OTHER INFORMATION: sub O linkage
NAME/KEY: misc_feature
LOCATION: (16)...(17)
OTHER INFORMATION: 2' - O-MOE; sub O
NAME/KEY: misc_feature
LOCATION: (17)...(18)
                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
SEQ ID NO 18
LENGTH: 19
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Best Local Similarity
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LOCATION: (16)..(17)
OTHER INFORMATION: 3' - O
NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 3' - O
                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational FILE REFERENCE: ISIS3310
CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
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LOCATION: (18)..(19)
OTHER INFORMATION: 3' -
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TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
NAME/KEY: misc_feature
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LOCATION: (19)..(19)
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OTHER INFORMATION: sub 0 linkage
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                                                                                                                                                                                                                                                    TYPE: DNA
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                                              O-MOE; sub O linkage
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Pred. No. 5.5e+02;
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Query Match
Best Local Similarity
Marches 16; Conserve
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US-09-227-782-1/c
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Wanoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Sy
FILE REFERENCE: ISIS3315
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 26
LENGTH: 19
                                                                                                                      GENERAL INFORMATION:
                                                                                                                                      Sequence 1, Application US/09227782 Patent No. 6403779
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NAME/KEY: misc_feature
LOCATION: (18)...(19)
OTHER INFORMATION: 2' - O
NAME/KEY: misc_feature
LOCATION: (19)...(19)
OTHER INFORMATION: 2' - O
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/303,586
CURRENT FILING DATE: 1999-05-03
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LOCATION: (18)..(19)
OTHER INFORMATION: 2'-modified T linkage
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OTHER INFORMATION: Oligonucleotide
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LOCATION: (19)..(19)
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Pred. No. 5.5e+02
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Pred. No. 5
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                 Synthesis of 2'-O-Modified Nucleosides
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5.5e+02;
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GENERAL INFORMATION:
APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
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US-09-227-782-3/c
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Matches
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
LEGGTH: 19
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Tocal Similarity
Conserv
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CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
TYPE: DNA
                                                                                                                                                       Sequence 3, Application US/09227782 Patent No. 6403779
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APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Drakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
            APPLICANT: Prakash, Thazha P
TITLE OP INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
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FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)..(18)
OTHER INFORMATION: 5-methyl- 2'- aminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No.
                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy OTHER INFORMATION: Description of Artificial Sequence: No.
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NUMBER: US/09/227,782
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Pred. No. 5
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Pred. No. 5
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                                   2'-0-Modified Nucleosides
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                                                                                                                                                                                                                           RESULT 572
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APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Fraser, Muthiah
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                                    Sequence 5, Application US/09227782
Patent No. 6403779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/09227782 Patent No. 6403779
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NUMBER OF SEQ ID NOS:
SOFTWARE: Patentin Ver
SEQ ID NO 3
                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
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                            APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
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CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Ver.
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy OTHER INFORMATION: Description of Artificial Sequence: No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PEATURE: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: 2'-methoxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No.
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Pred.
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Pred. No. 5
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; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)...(19)
; OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-5
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; NAME/KEY: misc_feature
; LOCATION: (16)...(19)
; CITHER INFORMATION: 5- methyl- 2'-O-propyl
; OTHER INFORMATION: Description of Artificial Sequence: No. US-09-227-782-6
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CURRENT FILING DATE: 199-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                           Sequence 7, Application US/09227782
Patent No. 6403779
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Best Local (
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Patent No. 6403779
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Best Local Similarity 84.2%;
Matches 16; Conservative
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SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                   APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kawasaki, Andrew M
APPLICANT: Praser, Allister S
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
                FILE REFERENCE: ISIS3315
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
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TITLE OF INVENTION: Regioselective Synthesis
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SEQ ID NOS:
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Pred. No. 5.5e+02;
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Pred. No. 5
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Sequence 8, Application US/09227782

Patent No. 6403779

GENERAL INFORMATION:
APPLICANT: Kawasaki, Andrew M
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Cook, Phillip D
APPLICANT: Cook, Phillip D
APPLICANT: Israbah P
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT APPLICATION NUMBER: US/09/227,782

NUMBER OF SEQ ID NOS: 28

NUMBER OF SEQ ID NOS: 28

SOFTWARE: Patentin Ver. 2.1
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; NAME/KEY: misc_feature
; LOCATION: (18)  
; COTHER INFORMATION: 5- methyl- 2'- dimethylaminooxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. US-09-227-782-7
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                                                                      GENERAL INFORMATION:
APPLICANT: Kawasaki, Andrew M
APPLICANT: Kawasaki, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
FILE REFERENCE: ISIS3315
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Patent No. 6403779
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                  CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)
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OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
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mes 16; Conserv
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ilarity 84.2%;
Conservative
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Pred. No. 5.5e
0; Mismatches
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Pred. No. 5.5e+02;
0; Mismatches 3;
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FEATURE:
NAME/KEY: misc_feature
LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
OTHER INFORMATION: Description of Artificial Sequence: No. US-09-227-782-12
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                                                                                                                                                                                                                                                                                     RESULT 578
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CURRENT FILING DATE: 199-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 14
LENGTH: 19
TYPE: DNA
                                                                                                                                                                                                                                Sequence 15, Application US/09227782 Patent No. 6403779
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Best Local (
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Best Local Similarity
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LENGTH: 19
                                                                                                   APPLICANT: Kawasaki, Andrew M
APPLICANT: Fraser, Allister'S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kawasaki, Andrew M
APPLICANT: Praser, Allister S
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
                                                   FILE REFERENCE: ISIS3315
CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: ISIS3315
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TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (16)..(19)
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Pred. No. 5.5e+02;
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Pred. No. 5.
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Patent No. 6403779

GENERAL INFORMATION:
APPLICANT: Kawasaki, Andrew M
APPLICANT: Wanoharan, Muthiah
APPLICANT: Cook, Phillip D
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: 1SIS3315
                                                                                                         GENERAL INFORMATION:
APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
CURRENT FILING DATE: 2000-07-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/227,782
CURRENT FILING DATE: 199-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 25
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FASTSEQ for Windows Version
SEQ ID NO 25
LENGTH: 19
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Best Local (
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Best Local :
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LOCATION: (16)..(19)
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16; Conserv
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                                        FastSEQ for Windows Version 4.0
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Pred. No. 5
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Pred. No. 5
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FILE REPERENCE: ISIS3380

CURRENT APPLICATION NUMBER: US/09/288,679

CURRENT FILING DATE: 1999-04-09

PRIOR APPLICATION NUMBER: 60/118,564

PRIOR FILING DATE: 1999-02-04

NUMBER OF SEQ ID NOS: 7

SOFTWARE: Patentin version 3.0

SEQ ID NO 1

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial

PEATURE:

OTHER INFORMATION: No. 6465628el Sequence
US-09-288-679-1
                                                                                               APPLICANT: Garmer, Harold R.
APPLICANT: Wren, John D.
APPLICANT: Winna, John D.
FITTLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
LENGTH: 19
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-25
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US-09-288-679-1/c
                                                     US-09-475-947A-12
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Best Local Similarity 84.3
Matches 16; Conservative
Query Match
Best Local Similarity
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Best Local Similarity
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Patent No. 6465628
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Capaldi, Daniel APPLICANT: Krotz, Achim APPLICANT: Cole, Douglas APPLICANT: Guzaev, Andred TITLE OF INVENTION: Impro-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                TYPE: DNA
ORGANISM: human
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Manoharan, Muthia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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Pred. No. 5.5e+02;
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Pred. No. 5.5e+02;
Score 14.2; DB 1;
Pred. No. 5.5e+02;
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                Length 19;
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                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOPTWARE: Patentin version 3.1
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 7, Application US/09612531
Patent No. 6534639
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
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Query Match
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CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
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APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers
FILE REFERENCE: Isis-4406
                                                                                                                                                                                                                                                                                                                                     APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers
FILE REFERENCE: Isis-4406
                                                  FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (19)...(19)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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OTHER INFORMATION: T*=:
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                     LENGTH: 19
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 Score 14.2;
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Pred. No. 5
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 Length 19;
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US-09-612-531-13/c
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LENGTH: 19
TYPE: DNA
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Matches 16; Conserv
                                                                                                                     APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                                SEQ ID NO 4635
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 1818-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
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                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Cohen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Oligonucleotide NAME/KEY: misc_feature LOCATION: (17)...(17) OTHER INFORMATION: T*=2'-O-[2-(guar NAME/KEY: misc_feature LOCATION: (19)...(19)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                       FEATURE:
                                     ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: primer_bind
                                                                                  ENGTH: 19
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16; Conservative
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Pred. No. 5
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APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Bialalelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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                                                                                                                                                                                                                                                                                                                                                                                        US-09-422-978-10242/c
                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 588
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                                                                                                                                                                                                                                                               Sequence 10242, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7014
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                   SEQ ID NO 10242
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Best Local Similarity
                                                     EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
                                                                                                                                                                                                                         APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
                                        NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PEATURE: primer_bind
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: upstream amplification primer 99-22375
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LENGTH: 19
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5. 6537751
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Pred. No. 5.5e
0; Mismatches
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Pred. No. 5.5e+02;
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; NAME/KEY: primer_bind; 1..19; LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-10692 for SEQ 2377, in US-09-422-978-10242
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                                                                Sequence 5, Application US/10121135

Sequence 5, Application US/10121135

Patent No. 6552178

GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah

APPLICANT: Cook, Phillip Dan

TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides

FILE REFERENCE: ISIS-5036

CURRENT APPLICATION NUMBER: US/10/121,135

CURRENT FILING DATE: 2002-04-11

PRIOR APPLICATION NUMBER: 09/370,625

PRIOR APPLICATION NUMBER: 09/130,566

PRIOR PILING DATE: 1998-08-06

PRIOR FILING DATE: 1998-08-07

PRIOR FILING DATE: 1998-08-07
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SEQ ID NO 11676
LENGTH: 19
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APPLICANT: Chumakov, Ilya
ITITE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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                                                      NUMBER OF SEQ ID NOS: 28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-21781 for SEQ 3811, in
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APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Couglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLB OF INVENTION: Oligonucleotide Analogue
FILE REFERENCE: ISISA385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1997-00-24
PRIOR FILING DATE: 1997-02-24
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 26
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GENERAL INFORMATION:
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Best Local
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CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: 09/130,566
PRIOR APPLICATION NUMBER: 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF TENERS: 1998-08-07
NUMBER OF TENERS: 1998-08-07
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APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: 2'-0-Aminoethyloxyethyl-Modified Oligonucleotides
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NAME/KEY: misc feature
LOCATION: (16)...(19)
OTHER INFORMATION: 2'.-O-[2-(2-N,N-dimethylaminoethyl) oxyethyl]-5-methyl uridine
OTHER INFORMATION: -sub-T)
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ORGANISM: Artificial Sequence
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LOCATION: (16)..(19)
OTHER INFORMATION: 2'-modified
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CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SEQ ID NO 3
SEQ ID NO 3
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: NAME/KEY: misc_feature
OTHER INFORMATION: No. 6593466el Sequence
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                                                                                                                   GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
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SEQ ID NO 4
LENGTH: 19
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Best Local Similarity
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LENGTH: 19
                             CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
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APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
                                                                                                        FILE REFERENCE: ISIS-3811
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US-09-596-377A-12/c

US-09-596-377A-12/c

; Sequence 12, Application US/09596377A

; Patent No. 6602850

; GENERAL INFORMATION:

; APPLICANT: MAGAININ PHARMACEUTICALS,

; APPLICANT: MAGAININ BIOLOGICAL VERTILE

; TITLE OF INVENTION: BIOLOGICAL VERTILE

; TOTAL CONTROL OF TAXABLE PROPERTY OF TAXABLE PROPER
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; OTHER INFORMATION: No.
US-09-349-040A-4
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CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOPTWARE: Patentin version 3.0
SEQ ID NO 5
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APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Punctionalized Oligomers
FILE REFERENCE: ISIS-3811
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No. 6593466el Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morgan, I
STREET: 1800 M St.,
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                                 CURRENT APPLICATION DATA:
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                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 20036
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                        STATE: DC
                                                                                                                                                                                                                                                                                                                                                  CITY: Washington
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Associated Factors Useful in Trea
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Atopic Allergies Including Asthma
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Pred. No. 5.5e+02
   US/09/596,377A
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Pred. No. 5
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Related Disorders
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TELEPAX: 202 467 7176

INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-596-377A-12
                                                                                                                                                                             ş
                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence; No. 6617137e
OTHER INFORMATION: synthetic construct
US-09-982-212-39
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US-09-982-212-39/c
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                                                                   RESULT 598
US-09-409-926-17/c
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Patent No. 6617137
GENERAL INFORMATION:
APPLICANT: Dean, Frank B.
APPLICANT: Lasken, Roger S.
TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
FILE REFERENCE: 13172.0012U2
               Sequence 17, Application US/09409926
Patent No. 6617442
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 40
SOFTWARE: FRETSEQ for Windows Version 4.0
SEQ ID NO 39
LENGTH: 19
TYPE: DNA
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/982,212
CURRENT FILING DATE: 2001-10-18
APPLICANT:
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PRIOR APPLICATION NUMBER: US 60/032,224
APPLICATION NUMBER: US 60/032,224
PILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/980,872
PILING DATE: 01-DEC-1997
APPLICATION NUMBER: PCT/US97/21992
PILING DATE: 02-DEC-1997
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 43,210
REFERENCE/DOCKET NUMBER: 366
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202 467 7000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4244 TCCATCCTGAGGAAGTCAC 4262
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Similarity 84.2%;
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Crooke, Stanley T.
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Pred. No. 5.5e+02
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Pred. No. 5.5e+02;
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APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Kawasaki, Andrew M
APPLICANT: Prakash, Thazha P
APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of
PILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
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                                                                                                                                                                                                                                          US-10-123-597-1/c
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Best Local Similarity
Matches 16; Conser
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APPLICANT: Wu, Hongilang
TITLE OF INVENTION: Human Rnase H1 and Oligonucleotide Compositions Thereof
FILE REFERENCE: ISIS4186
CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 19
                                                                                                                                                                                 Sequence 1, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: 1
SEQ ID NO 18
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                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local
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CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 199-09-30
NUMBER OF SEQ ID NOS: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Crooke, Stanley T.

APPLICANT: Lima, Walter F.

APPLICANT: Mu, Hongjiang
TITLE OF INVENTION: Human Rnase H1 and Oligonucleotide Compositions Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Combined DNA/RNA Molecule: OTHER INFORMATION: Oligonucleotide
OTHER INFORMATION: Description of Artificial Sequence: No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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Pred. No. 5.5e
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Pred. No. 5.
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Sequence 3, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Eraser, Allister S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial ; NAME/KEY: misc_feature ; LOCATION: (15)...(18) ; OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy US-10-123-597-1
                                                                                                                                                                         RESULT 602
US-10-123-597-3/c
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US-10-123-597-2/c
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NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                          Query Match
Best Local :
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Patent No.
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Best Local Similarity
                                                                                                                                                                                                                                                                                                            Matches
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      TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: ISIS5040
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 19
ICANT: Manoharan, Muthiah
ICANT: Prakash, Thazha P
ICANT: Fraser, Allister S
B OF INVENTION: Regioselective
REFERENCE: ISIS5040
                                                                                                                                                                                                                                                              5393 AAAAAAATACAAAAAAGAA 5411
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o. 6624294
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Pred. No. 5.5e+02;
0; Mismatches 3
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Pred. No. 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Artificial Sequence:
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                    2'-0-Modified Nucleosides
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RESULT 604
US-10-123-597-5/c
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US-10-123-597-4/c
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PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 09/27,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 4
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Best Local (
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Best Local
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISIS5040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, muthiah
APPLICANT: Prakash, Thazha P
                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/10/123,597
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CURRENT FILING DATE: 2002-07-10
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                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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OTHER INFORMATION: 2'-methoxyethoxy
                                                                                                                                                                                                           OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                                                                                                                                                        LENGTH:
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Pred. No. 5.5e+02
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Pred. No. 5
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Sequence 5, Application US/10123597
Patent No. 6624294
GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M

APPLICANT:

Kawasaki, Andrew M Manoharan, Muthiah Prakash, Thazha P

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US-10-123-597-7/c
US-10-123-597-7/c
; Sequence 7, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION;
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US-10-123-597-6/c
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SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      PILE REFERENCE: ISIS5040
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
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APPLICANT: Kawasaki, Andri
APPLICANT: Mancharan, Muti
APPLICANT: Prakash, Thazh
APPLICANT: Fraser, Allist
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
APPLICANT: Cook,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc_feature LOCATION: (16)...(19)
OTHER INFORMATION: 5-methyl-2'-O-propyl
                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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o. 6624294
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Manoharan, Muthiah
Prakash, Thazha P
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Pred. No. 5
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Pred. No. 5.5e+02;
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; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence
; NAME/KEY: misc feature
; LOCATION: (18) T. (18)
; OTHER INFORMATION: 5-methyl-2'dimethylaminooxyethoxy
US-10-123-597-7
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Best Local Similarity
Matches 16; Conserv
                                                                                          Query Match
Best Local Similarity
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SEQ ID NO 8
LENGTH: 19
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APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andre
APPLICANT: Manoharan, Muth
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Patent No. 6624294
                                                                         Matches
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APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis
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APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
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CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
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APPLICANT: Prakash, Thazha P
APPLICANT: Praser, Allister S
APPLICANT: Praser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                 OTHER INFORMATION: Description of Artificial NAME/KSY: misc feature LOCATION: (18)...(18) OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                 5393 AAAAAAATACAAAAAAGAA 5411
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                                                                          Conservative
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                                                                       0; Mismatches
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                                                                                          Score 14.2;
Pred. No. 5
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Pred. No. 5
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RBSULT 608 US-10-123-597-12/c ; Sequence 12, Application US/10123597

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APPLICANT: Kawasaki, Andrew M
APPLICANT: Manoharan, Muthiah
APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
APPLICANT: Prakash, Thazha P
FIITE OF INVENTION: Regioselective Synthesis of FILE REFERENCE: ISISSO40
CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR PILING DATE: 199-01-08
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                                                                                                                                                                 ; OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy US-10-123-597-14
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                                                                              Query Match
Best Local Similarity
Matches 16; Conserv
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SOFTWARE: Patentin version 3.1
SEQ ID NO 12
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 14, Application US/10123597
Patent No. 6624294
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Best Local Similarity
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REFERENCE: ISISS040
                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTMARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Prakash, Thasha P
APPLICANT: Praser, Allister S
                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc feature LOCATION: (16)...(19)
                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct NAME/KEY: misc feature LOCATION: (15)...(18)
OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                  5393 AAAAAAATACAAAAAAGAA 5411
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                                                                                Conservative
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Pred. No. 5.5e+02;
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Pred. No. 5.5e+02
                                                                                Mismatches
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence; NAME/KEY: misc feature; LOCATION: (16)...(19); OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy US-10-123-597-15
                                                                       ; OTHER INFORMATION: Description of Artificial; NAME/KEY: misc feature; LOCATION: (15)...(18); OTHER INFORMATION: 2'-methyleneiminooxyethoxy US-10-123-597-25
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US-10-123-597-25/c
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GENERAL INFORMATION:
APPLICANT: Cook, Phillip D
APPLICANT: Kawasaki, Andrew M
APPLICANT: Mancharan, Muthiah
APPLICANT: Mancharan, Thazha P
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Best Local Simi
Matches 16;
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PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOPTWARE: PatentIn version 3.1
SEQ ID NO 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 09/227,782
PRIOR FILING DATE: 1999-01-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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               Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Manoharan, Muthiah
APPLICANT: Prakash, Thazha P
APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
FILE REPERENCE: ISISS040
                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/10/123,597
CURRENT FILING DATE: 2002-07-10
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CURRENT APPLICATION NUMBER: US/10/123,597
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APPLICANT: Fraser, Allister S
TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Cook, Phillip
APPLICANT: Kawasaki, And
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                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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               Score 14.2;
Pred. No. 5.
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Pred. No. 5.5e+02
                                                                                                                                                   of Artificial Sequence: Synthetic construct
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 Mismatches
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RESULT 614
US-09-672-717-128
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US-09-435-806-6/c
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; OTHER INFORMATION: Synthetic construct
US-09-435-806-6
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US-09-349-033A-1
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GENERAL INFORMATION:
APPLICANT: Cook, Phillip Dan
APPLICANT: Manoharan, Muthiah
                                                                                                                                                                                                                                                                                                                                                SOPTWARE: PatentIn version 3.2 SEQ ID NO 6 LENGTH: 19
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 19
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Maier, Martin
APPLICANT: An. Warner
                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: US 09/115,043
PRIOR FILING DATE: 1998-07-14
PRIOR APPLICATION NUMBER: US 08/602,862
PRIOR FILING DATE: 1996-02-28
PRIOR FILING DATE: 1996-02-28
PRIOR FILING DATE: 1996-02-28
PRIOR FILING DATE: 1996-02-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compound
FILE REFERENCE: ISIS-3312
CURRENT APPLICATION NUMBER: US/09/349,033A
CURRENT FILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/435,806
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Guinoso, Charles J.
TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-4289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Guinoso, Charles
                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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Local Similarity 84.2%;
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         Application US/09672717
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Pred. No. 5.
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Pred. No. 5.5e+02;
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                                                                                                             US-10-098-816-15
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US-10-098-816-15/c
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Patent No. 6737520
GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/672,717
CURRENT FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 231
SOFTWARE: FAST-SEQ for Windows Version 4.0
SEQ ID NO 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 15
                                   Matches 16;
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                                                                      Query Match
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                                                    Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry FILE REFERENCE: ISIS3310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Baird, Stephen
APPLICANT: Holcik, Martin
APPLICANT: Young, Sean
TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                            NAME/KEY: misc_feature
LOCATION: (18)...(19)
OTHER INFORMATION: 3' -
                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: (17)..(18)
OTHER INFORMATION: 3' -
                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 3' -
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OTHER INFORMATION: Oligonucleotide
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Pred. No. 5.5e+02;
0; Mismatches 3;
                                                      Score 14.2; DB 1;
Pred. No. 5.5e+02;
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RESULT 617
US-10-098-816-17/c
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US-10-098-816-16/c
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                                                                                                                                                                                                                                                                                                                       Sequence 17, Application US/10098816
Patent No. 6737520
GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Mohan, Venkatraman
                                                                                                                      CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: PatentIn version 3.0 SEQ ID NO 16 LENGTH: 19
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APPLICANT: Manoharan, Muthiah
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 16, Application US/10098816 Patent No. 6737520
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CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR PILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form TITLE OF INVENTION: Confirmational Geometry FILE REFERENCE: ISIS3310
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LOCATION: (18) ... (19)
OTHER INFORMATION: 2' - O-MOE linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
NAME/KEY: misc_feature
OTHER_INFORMATION: Oligonucleotide
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Oligonucleotide
                                                 TYPE: DNA ORGANISM: Artificial Sequence
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OTHER INFORMATION: 2'-FEATURE:
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OTHER INFORMATION: 2' -
                                                                                                     ENGTH: 19
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Pred. No. 5.5e+02
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PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 199-05-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.0
SEQ ID NO 18
LENGTH: 19
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US-10-098-816-18/c
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; LOCATION: (19)...(19)
; OTHER INFORMATION: 3' -
US-10-098-816-17
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Best Local Similarity
Matches 16; Conserv
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
TITLE OF INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/10/098,816
CURRENT FILING DATE: 2002-04-19
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NAME/KEY: misc_feature
...(16)
...(16)
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NAME/KEY: misc_feature

(17)..(18)
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NAME/KEY: misc_feature

LOCATION: (15)...(16)

OTHER INFORMATION: sub O linkage
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OTHER INFORMATION: 3'-
NAME/KEY: misc_feature
LOCATION: (19)..(19)
                                             FEATURE:
NAME/KEY: misc_feature
LOCATION: (18)...(19)
OTHER INFORMATION: 2'.
                                                                                                                                                                  OTHER INFORMATION: 2'
                                                                                                                                                                                    NAME/KEY: misc_feature
LOCATION: (16)..(17)
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OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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LOCATION: (18)..(19)
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OTHER INFORMATION: 3' -
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Pred. No. 5.
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Sequence 336, Application US/09544398B
Patent No. 6770461
GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene
FILE REFERENCE: 032796-013
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US-09-544-398B-336/c
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Patent No. 6737520
GENERAL INFORMATION:
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Best Local (
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CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: US/09/303,586
PRIOR FILING DATE: 1999-05-03
NUMBER OF SEQ ID NOS: 34
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APPLICANT: Mohan, Venkatraman
TITLE OP INVENTION: Confirmational Geometry
FILE REFERENCE: ISIS3310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
NAME/KEY: misc_feature
LOCATION: (16)..(17)
OTHER INFORMATION: 2'-modified T linkage
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LOCATION: (19) .(19)
OTHER INFORMATION: 2'-modified T linkage
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OTHER INFORMATION: Oligonucleotide
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LOCATION: (17)..(18)
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Pred. No. 5.5e+02;
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Pred. No. 5.
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; TYPB: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-336
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PCT-US94-02175-8/c
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Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: PE
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                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Ribhard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND BYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
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                                                                                  TITLE OF INVENTION: IMP
TITLE OF INVENTION: IN
TITLE OF INVENTION: MET
NUMBER OF SEQUENCES: 9
COMPUTER READABLE FORM:
MEDIUM TYPB: DISKETTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC'
                     COMPUTER: IBM
OPERATING SYSTEM: MICROSOFT WINDOWS
SOFTWARE: MICROSOFT WORD, V2.0C
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Pred. No. 5
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Pred. No. 5.5e+02;
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PCT/US94/02175

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RESULT 623
US-07-695-564-11/c
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; LOCATION: 1..19
; OTHER INFORMATION:
PCT-US94-02175-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/129,
APPLIANTE: SEPTEMBER 30,
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 11, Application US/07695564 Patent No. 5310874
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                      TELEPHONE: 619-546-1555
INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US
FILING DATE: 19910503
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 92121
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Tamura, Ri
APPLICANT: Quaranta,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HYPOTHETICAL:
                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC
TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANTI-SENSE:
FEATURE:
NAME/KEY: misc_feature
                                                        MOLECULE TYPE: DN
                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
                                        NTI-SENSE:
                                                                                                                                                                                                                    NAME: Pitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: SCI
                                                                                                                                                                                                                                                                                          FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: 811
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                        TOPOLOGY:
                                                                                                       STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                      LENGTH:
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: California
                                                                                                                1: 20 base pairs
NUCLEIC ACID
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                                                                       DNA (genomic)
                                                                                                      single
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Pred. No. 5.5e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 624
                                                                                                                                                                                                                  TELEPHONE: (212) 977-9550
TELEPAX: (212) 664-0525
TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                      Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
Matches 16; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/255,561
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 11,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lungu, Octavian
APPLICANT: Wright Jr., Thomas C.
TITLE OF INVENTION: A POLYMERASE CHAIN
TITLE OF INVENTION: REACTION/RESTRICTION
TITLE OF INVENTION: POLYMORPHISM METHOD INTELL OF INVENTION: AND TYPING OF HUMAN ITILE OF INVENTION: AND MYCOBACTERUM AND TITLE OF INVENTION: DIAGNOSIS OF CONGENITION: HYPERPLASIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Silverstein,
                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 39:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 1..20
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
1840 CTGGGCAGTTTGCTGGGGA 1858
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30 Rockefeller Plaza
                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            United States
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                                                                                                                                                                     linear
                                                                                                                                               DNA (genomic)
                                                                         0.3%;
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POLYMORPHISM METHOD FOR THE DETECTION
AND TYPING OF HUMAN PAPILLOMAVIRUSES
AND MYCOBACTERIUM AND FOR THE
DIAGNOSIS OF CONGENITAL ADRENAL
HYPERPLASIA
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/note= "Primer corresponds to bp 2918-2937 of the
ALPHA 6A cDNA sequence of SEQ ID NO:2."
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Pred. No. 5.8e+02;
0; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                      39358-A
                                                                         Score 14.2; DB 1;
Pred. No. 5.8e+02;
                                                          Mismatches
                                                                                          Length 20;
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CTGGCCAGGTTGCTGGGAA 2

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RESULT 625
US-08-241-387-11/c
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US-07-951-715A-57
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Patent No. 5589570
                                                                       Sequence 57, Application US/07951715A Patent No. 5625136
                                                                                                                                                                                                                                                             Matches
                                                     Patent No. 5625136
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 07/695,564
FILING DATE: 03-MAY-1004
ATTORNEY/AGENT INFORMATION:
NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REFERENCE/DOCKET NUMBER: TSRI241.0D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Tamura, R:
APPLICANT: Quaranta,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: 619-554-293
TELEPAX: 619-554-6312
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/241,387
FILING DATE: 10-MAY-1994
                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature LOCATION: 1..20
OTHER INFORMATION: /star OTHER INFORMATION: /nott OTHER INFORMATION: ALPHJ
                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA (ger
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                              Local
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16; Conserv
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10666 No. 5589570th Torrey Pines Road, TPC-8
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Koziel, Michael G.
Desai, Nalini M.
Lewis, Kelly S.
                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                              0.3%;
84.2%;
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/note= "Primer corresponds to bp 2918-2937 of the ALPHA 6A cDNA sequence of SEQ ID NO:2."
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Pred. No. 5.8e+02;
0; Mismatches 3
                                                                                                                                                                                                                                                                                                  DB 1;
                                                                                                                                                                                                                                                                                            Length 20;
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Query Match
Best Local Similarity
Watches 16; Conserve
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; HYPOTHETICAL:
US-07-951-715A-57
                                                                                                                    RESULT 627
US-08-171-718-13/c
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                                                                                        Sequence 13, Application US/08171718 Patent No. 5707863
                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 57: SEQUENCE CHARACTERISTICS:
                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IFOODS TIBLE
COMPUTER: POODS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 25-SEP-1992
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07
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TITLE OF INVENTION:
                              APPLICANT:
                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: S-
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. Murray
REGISTRATION NUMBER: 32,9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-CEIGY Corporation
STREET: 7 Skyline Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT
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                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Hawthorne
STATE: New York
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10532
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                                                                                                                                                                                                                 3113 ACCAGACCCTGACCGAGCT 3131
                                                                                                                                                                                    AGCTGACCCTGACCGTGCT
                           Trofatter, James A. MacCollin, Mia M. Gusella, James F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (919)541-8615
(919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Suttie, Janet L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Warren, Gregory W.
Evola, Stephen V.
Crossland, Lyle D.
                                                                                                                                                                                                                                                 Conservative
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Dawson, John L.
Dunder, Erik M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pace, Gary M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Wright, Martha S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Rothstein, Steven J.
Bowman, Cindy G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Jaunis, Karen L.
                                                                                                                                                                                                                                                                                                                        other nucleic acid
/desc = "primer MK25A28"
NO
                                                                                                                                                                                                                                                             0.3%;
Tumor Suppressor Gene Merlin and Uses Thereof
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                                                                                                                                                                                                                                                              Score 14.2; DB 1
Pred. No. 5.8e+02;
                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                  DB 1;
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Patent No. 5747329
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.3%;
Best Local Similarity 84.2%;
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/026,063
FILING DATE: 04-MAR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (202) 371-2540 INFORMATION FOR SEQ ID NO: : SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/171,718
                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
                                                                                                                                                                                                                                     TITLE OF INVENTION: Glutamy TITLE OF INVENTION: Subunit NUMBER OF SEQUENCES: 10 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
               COMPUTER: Macintosh
OPERATING SYSTEM: MS-DOS
SOFTWARE: Microsoft Word 5.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                STREET: 25 Sky
CITY: Trumbull
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
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                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                   STATE:
   APPLICATION NUMBER:
                                                                                                                                                                                                                      ADDRESSEE:
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                                                                                                                                                                 Connecticut
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                                                                                                                                                                                               25 Skytop Drive
                                                                                                                                                USA
                                                                                                                                                                                                                                                                                                            Alton Meister, Chin-Shiou Huang, and Mary
B. Anderson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                    Yahwak & Associates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     22-DEC-1993
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                                                                                                                                                                                                                                                                                            Glutamylcysteine Synthetase Light
US/08/350,325A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               36,463
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08002
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Yahwak, George M.
REGISTRATION NUMBER: 26,824
REFERENCE/DOCKET NUMBER: CRF D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 203 268 1951
                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/063,167
                                 APPLICATION NUMBER: 07/567,286
PILING DATE: August 14, 1990
PRIOR APPLICATION DATA:
                                                                                     APPLICATION NUMBER: 07/939,855
FILING DATE: September 2, 1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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ATTORNEY/AGENT INFORMATION:
                                                                                                                                           FILING DATE: January 21, 1993 PRIOR APPLICATION DATA:
                                                                                                                                                                                                  PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: 080
                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
APPLICATION NUMBER: 07/927,506 FILING DATE: No. 5789573ember 19, 1992
                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Jane Massey Licata, Esq.
STREET: 210 Lake Drive East, Suite 201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: Nucleic Acid
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                                                                                                                                                                                 APPLICATION NUMBER: 08/007,997
                                                                                                                                                                                                                      FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Cherry Hill
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                                                                                                                                                                                                                May 17, 1993
                                                                                                                                                                                                                                                                                                                                          May 24, 1996
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Pred. No. 5.8e+02
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INFORMATION FOR SEQ ID NO: 1
SEQUIENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-568-271-1
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US-08-568-271-1
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                                                                                                                                                                                                                                                                          SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U5/08/568,271
FILING DATE: 06-DEC-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: PEPPER PH.D., PREDERICK W.
REGISTRATION NUMBER: 31,286
REFERENCE/DOCKET NUMBER: 491-7
TELECOMMUNICATION INFORMATION:
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                                           Query Match
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PILING DATE: August 16,1990
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0146
TELECOMMUNICATION INFORMATION:
TELESHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: RAYNOLDS, MARY V.
APPLICANT: PERRYMAN, M. BENJA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (609) 779-8488
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPB: Ploppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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y Match 0.3%;
Local Similarity 84.2%;
hes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A. ZIP: 92122
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STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                          TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         B: DILWORTH & BARRESE
4350 LA JOLLA VILLAGE DRIVE, SUITE 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                            619-546-4410
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    Score 14.2; DB 1; Length 20; Pred. No. 5.8e+02; 0; Mismatches 3; Indels
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    Indels

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US-08-418-859-18/c
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                                                                                                                                                   US-08-418-859-18
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                                                                       Matches
                                                                                                           Query Match
                                                                                                                                                                                                                                       TELEPHONE: (292) 861-30
TELEPAX: (202) 822-0944
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 0
PILING DATE: 26 August
APPLICATION NUMBER: 9
PILING DATE: 27-Aug-1:
APPLICATION NUMBER: 9
                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 9212881.8
FILING DATE: 17-JUN-1992
ATTORNEY_ACENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REGISTRATION NUMBER: 97279/PHM.36520/US
REFERENCE/DOCKET NUMBER: 97279/PHM.36520/US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (992) 861-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS 3.20
SOFTWARE: ASCII from WPS-PLUS
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.2 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: METHOD OF TITLE OF INVENTION: CHARACTERISATION
                                                                                                                                                                     TOPOLOGY: Li
                                                                                                                                                                                   LENGTH: 20 Base Pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 9124636.3 FILING DATE: 20-No. 5811235-1991 APPLICATION NUMBER: 9207379.0 FILING DATE: 03-Apr-1992 APPLICATION NUMBER: 9212627.5 FILING DATE: 15-Jun-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/418,859
                                                                       Local Similarity 84.2%;
les 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 1100 New CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Cushman, Darby & Cushman
STREET: 1100 New York Avenue, N.W.
                                 4841 GTCCTGGCTTTGGCTGACC 4859
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VENTION: METHOD OF
                                                                                                                                                                     Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        06-Sep-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                27-Aug-1991
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                                                                       0;
                                                                                         Score 14.2; DB 1;
Pred. No. 5.8e+02;
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                                                                       Mismatches
                                                                                                             DB 1;
                                                                                                           Length 20;
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                                                                       Gaps
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RESULT 632 US-08-994-600-11/c ; Sequence 11, Application US/08594600 ; Patent No. 5814448

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RESULT 633
US-08-726-575A-5/c
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                                                                                                                                                                                                                                            Sequence 5, Application US/08726575A
Patent No. 5834587
GENERAL INFORMATION:
APPLICANT: Winnie Chan, Derk J. Bergsma,
APPLICANT: Catherine E. Ellis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (212) 977-955
TELEPAX: (212) 664-0525
TELEX: 422523 COOP UI
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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STATE: New York
Tinited
                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedeland Road, P.O. Box 1539
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 39
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                          TITLE OF INVENTION: A No. 5834587el G-Protein Coupled Receptor, TITLE OF INVENTION: HLTEX11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               / Match 0.3%;
Local Similarity 84.2%;
les 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/594,600 FILING DATE: CLASSIFICATION: 435
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TOPOLOGY: linear
                                                                                       STATE:
                                                                                                          CITY:
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1. Wright Jr., Thomas C.

INVENTION: A POLYMERASE CHAIN

INVENTION: REACTION/RESTRICTION FRAGMENT

PINVENTION: POLYMORPHISM METHOD FOR THE DETECTION

PINVENTION: AND TYPING OF HUMAN PAPILLOMAVIRUSES

PINVENTION: AND MYCOBACTERIUM AND FOR THE

DIAGNOSIS OF CONGENITAL ADRENAL

"YDERPLASIA"
                                                                                                      King of Prussia
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30 Rockefeller Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Silverstein,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
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Pred. No. 5.8e+02;
0; Mismatches 3
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; ANTI-SENSE:
US-08-726-575A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-117-952-365
                                                                                                                 MEDIUM TYPE: Plopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
FILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNMBER: US 08/078,471
PILING DATE: 15-UN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 5851760
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 610 270 4026 INFORMATION FOR SEQ ID NO:
TELEFAX: 619-546-9392 INFORMATION FOR SEQ ID NO:
                               NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: P4:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: William T. Han
REGISTRATION NUMBER: 34,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES NUMBER OF SEQUENCES: 797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Evans, Glen A. APPLICANT: Smith, Michael W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 610 270 5219
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 444 SOULD CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM:
SOFTWARE: WORDPE
                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2863 CCCACCATGGTAGTCCTGT 2881
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444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/08117952
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OCTOBER 8, 1996
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Pred. No. 5.
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Query Match
Best Local Similarity
Thes 16; Conserve
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Sequence 18, App-
Sequence 18, App-
No. 5853989
                                                                                          PILING DATE: 15-Jun-1992
APPLICATION NUMBER: 9212881.8
PILING DATE 17-Jun-1992
ATTORNEY/AGENT INFORMATION:
NAME: KOKULIS, PAUL N.
REGISTRATION NUMBER: 16,773
REFERENCE/DOCKET NUMBER: 97279/
TELECOMMUNICATION INFORMATION:
TELEFAX: (202) 822-0944
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Base Pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: PC-DOS 3.20
SOPTWARE: ASCII from WPS-PLUS
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Jeffreys
TITLE OF INVENTION:
TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                   FILING DATE: 06-Sep-1991
APPLICATION NUMBER: 9124636.3
FILING DATE: 20.085999-1991
APPLICATION NUMBER: 9207379.0
FILING DATE: 03-Apr-1992
APPLICATION NUMBER: 9212627.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/643,181
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 9118371.5
FILING DATE: 27-Aug-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Diskette, MEDIUM TYPE: storage
                                                                                 TELEPHONE:
                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         B: Cushman, Darby & Cushman
1100 New York Avenue, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IBM PS/2
                                                                                    (292) 861-3000
                                                                                                                                                                                                                                                                                                                                                                                 26 August 1992
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84.2%;
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CHARACTERISATION
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                                                                                                  16,773
18R: 97279/PHM.36520/US
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Pred. No. 5
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US-08-643-181-18
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Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No. 58593
                                                             TELEFAX: (919)541-8689
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 10591-9005
ZIP: 10591-9005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
                                                                                                                                REGISTRATION NUMBER: 40403
REFERENCE/DOCKET NUMBER: CGG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8582
                                                                                                                                                                                                                                                                                             CLASSIFICATION: 800
PRIOR APPLICATION DATA:
PRIOR APPLICATION UNIMBER: US 07/951,715
                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                   FILING DATE: 25-SEP-1992
PRIOR APPLICATION UNMER: US 07/772,027
FILING DATE: 04-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: SYNTHETIC DAP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: No. 5859336artis Corporation STREET: Patent & Trademark Dept., 520 White Plains STREET: Rd., POB 2005 CITY: Tarrytown STATE: New York
                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                       NAMB: Pace,
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                                                                                                                  (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SULTIPE L.
SULTIPE L.
SULTIPE L.
SYNTHETIC DNA SEQUENCE HAVING ENHANCED
VENTION: INSECTICIDAL ACTIVITY IN MAIZE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Crossland, Lyle D.
Wright, Martha S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Kramer, Vance C. Warren, Gregory W. Evola, Stephen V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Dawson, John L.
Dunder, Brik M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Desai, Nalini
                                                                                                                                                                                                     Gary M.
                                                                                                                                                                                                                                                                                                                                                       02-JUN-1995
other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Karen L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ellis J.
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Pred. No. 5.8e+02
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RESULT 638
US-08-767-979-7/c
; Sequence 7, Application US/08767979
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US-08-910-629A-32
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; HYPOTHETICAL:
US-08-459-448A-57
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Best Local Similarity 84.2
Matches 16; Conservative
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Best Local Similarity
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Patent No. 5877309
                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: WINDOWS 95
SOPTWARE: WORDERRFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/910,629A
FILING DATE: August 13, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER:
PILING DATE:
APPLICATION NUMBER:
FILING DATE:
APPLICATION INFORMATION:
APPLICATION INFORMATION:
ANDRE. Jane Magney Licate
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                              TELEFAX: (609) 779-8488 INFORMATION FOR SEQ ID NO: 3
                                                                                                                                                                                                                                                                                                                                                                      NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15!
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
MEDIUM TYPE: STORAGE
                                                                                                                                                                                                                                          TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
TITLE OF INVENTION: COMPOSITONS AND METHODS FOR THE MODULATION OF JNK
TITLE OF INVENTION: PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER:
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CITY: Marlton
                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                           ENGTH:
                                                                                                             3749 ACGATGACTTCTGGGGCCC 3767
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Brett Monia
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                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PENTIUM
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Pred. No. 5.8e+02
                                                                                                                                                                          Score 14.2; DB 1;
Pred. No. 5.8e+02;
                                                                                                                                                          Mismatches
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; ANTI-SENSE: 1
US-08-767-979-7
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                                                                                                                                                                                                                                                                                                                                                                                                  US-08-837-201C-78
                                                                                                                                                                                                                                                                                                                                                    Sequence 78, Application US/08837201C Patent No. 5985558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMER: US/08/767,979
FILING DATE: 17-DEC-1996
CLASSIFICATION: 455
ATTORNEY/AGENT INFORMATION:
NAME: Holland, Donald R
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 36-5219
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-518
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Kwok, Pui-Yan
APPLICANT: Chen, Xiangning
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
TITLE OF INVENTION: Pluorescence Resonance Energy Transfer
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                               APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren APPLICANT: Miraglia; Brenda F. Baker TITLE OF INVENTION: Antisense Oligonucleotide TITLE OF INVENTION: Compositions and Methods for the TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "D18850; SYNTHETIC PCR
DESCRIPTION: PCR DESCRIPTION: PCR DESCRIPTION: CONTAINING SEQUENCE TAGGED SITE D1888;"
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                ADDRESSEE: Law Offices of J
STREET: 66 East Main Street
                                             ZIP: 08053
                                                                   COUNTRY:
                                                                                        STATE:
                                                                                                            CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: St. Louis
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                                                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
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                                                                                                                                                       Law Offices of Jane Massey Licata
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                                                                                                                                                                                                                    Antisense Oligonucleotide Compositions and Methods for the Modulation of Activating Protein 1
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Pred. No. 5.8e+02;
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US-08-837-201C-95/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                          OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837,;
FILING DATE: April 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Micholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonuclectide
TITLE OF INVENTION: Compositions and Methods for the Modulation of
TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 18PH
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WONDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/837
FILING DATE: APT11 14, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION UNMER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHAX: (609) 810-1454
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                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Singl
                                                                                                                                                                                                                                                                                   COMPUTER: IBM PS/
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Marlton
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                        DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Single
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                                                         ISPH-0209
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Pred. No. 5.8e+02;
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                                                                                                                     US-08-890-980-56
                                                                                                                                                                                                                                                                  COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/890,980
PILING DATE: 10-UTL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
REGISTRATION NUMBER: 35,430
REFERENCE/DOCKET NUMBER: MIA-005.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity Matches 16; Conserv
                                                            Matches
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                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Acton, Susan L.
                                                                                                                                                                                                                                          TELEPHONE: 617-832-10
TELEFAX: 617-832-7000
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSE: FOLEY, HOAG & ELIOTITY
STREET: OFF THE STREET:
                                                                                                                                                   TOPOLOGY: 1
MOLECULE TYPE:
                                                                                                                                                                                            SEQUENCE CHARACTERISTICS LENGTH: 20 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 02109-2170
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: Sing
                                                                        Local
                                                                                                                              LECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
                                                                                                                                                                              STRANDEDNESS:
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                            1222 TGGGCAGCGGTGGTAGGAA 1240
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                                                                        Score 14.2; DB 1.
Pred. No. 5.8e+02.
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Pred. No. 5.8e+02;
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                                                                                       DB 1;
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                                                                                       Length 20;
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US-08-904-901-113

Sequence 113, Application US/08904901
Patent No. 5998383
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.

RESULT 642

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US-08-707-399E-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 30,955
REFERENCE/DOCKET NUMBER: 0227
TELECOMMUNICATION INFORMATION:
TELEPHONE: (248) 539-5050
INFORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/08707399E Patent No. 6008014
GENERAL INFORMATION:
APPLICANT: Acton, Susan and Gimen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/707,399E
FILING DATE: September 4, 1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
STREET: 28 State Street
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Acton, Susan and Gimeno, Carlos
TITLE OF INVENTION: Lipid Metabolic Pathway Compositions
TITLE OF INVENTION: and Therapeutic and Diagnostic Uses
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARB: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION: NAME: Kohn, Kenneth I.
                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: KOHN & AS
                                                                                                                                                                                                                                                STREET: L. STREET: Massar
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Farminton Hills
STATE: Michigan
                                                                                                                                                                                                            COUNTRY: US
ZIP: 02109
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APPLICATION NUMBER: FILING DATE:
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Similarity 84.2%;
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                                                                                                                                                                                                                                                  Massachusetts
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                                                                                                                                                                                                                                USA
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                                                                                                                                                                    Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     other nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                               and Diagnostic Uses Therefor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 57,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL
                                                                                                                                                                  COUNTRY: USA
ZIP: 10591-9005
ZIP: 10591-9005
COMPUTER READLABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
                                                                                APPLICATION NUMBER: US/08/459,595A
PILING DATE: 02-UN-1995
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 94
CORRESPONDENCE ADDRESS: No. 6018104artis Corporation
STREET: Patent & Trademark Dept., 520 White Plains
STREET: Rd., POB 2005
                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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TELECOMMUNICATION INFORMATION:
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NAME: Amy E. Mandragouras
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT
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                                                                                                                                                                                                                                                                                                         CITY: Tarrytown STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Amy E. Mandrag
REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16;
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                                                                                                                                                                                                                                                                                                                                                                                                                           Suttie, Janet L.
VENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
VENTION: INSECTICIDAL ACTIVITY IN MAIZE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pace, Gary M.
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Bowman, Cindy G.
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Evola, Stephen V.
Crossland, Lyle D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Dawson, John L.
Dunder, Erik M.
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Launis, Karen L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lewis, Kelly S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              right, Martha S.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Nalini M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Vance C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Michael G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         36,207
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Pred. No. 5.8e+02;
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RESULT 645
US-08-890-979-56/c
; Sequence 56, Appl

// MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "primer"
US-08-890-979-56

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DESCRIPTION: /desc = "primer MX;
HYPOTHETICAL: NO
US-08-459-595A-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                                                                       TELEPHONE: 617-832-1000
TELEPAX: 617-832-7000
INFORMATION FOR SEQ ID NO: 9
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 6030778
GENERAL INFORMATION:
                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Pace, COLD NAME: 40403
REGISTRATION NUMBER: 40403
REFERENCE / DOCKET NUMBER: CGC
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO: 57:
                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Arnold, Beth E.
NAME: Arnold, Beth E.
NAME: Arnold, Beth E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Acton, Susan L.
APPLICANT: Ordovas, Jose M.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS
TITLE OF INVENTION: DISORDERS
NUMBER OF SEQUENCES: 75
                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: MIA-005.02
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-832-1000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLEY, HOAG & ELIOT STREET: One Post Office Square
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/890,979 FILING DATE: 10-JUL-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 02109-2170
  Local Similarity 84.: 
les 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
                                                                                                                                          TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3113 ACCAGACCCTGACCGAGCT 3131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      N
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0.3%; Score 14.2; DB 1; Length 20;
84.2%; Pred. No. 5.8e+02;
tive 0; Mismatches 3; Indels
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ER: CGC 1577/CIP/DIV3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 14.2; DB 1;
Pred. No. 5.8e+02;
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  Gaps
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RESULT 646
US-09-069-811-8
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                                                                                                                                                                                                            Sequence 57, Applicating Patent No. 6075185
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.3%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: KLANN, Richard C.
TITLE OF INVENTION: A SPECIFIC, HIGHLY SENSITIVE, NESTED PCR
TITLE OF INVENTION: DETECTION SCHEME FOR THE PSEUDORABIES VII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPAX: 919 881 3175
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                      APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                           APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "Synthetic oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 919 420 2202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Spruill, W. Murray
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
                                                                                                                         APPLICANT
                                                                                                                                                            APPLICANT:
                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: US
ZIP: 27622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: W. Murray Spruill (Alston & Bird, LLP)
                                                                                                                                                                                                                                                                                                                                                                       2325 CTCCACCTTCTTGAAGATG 2343
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                           Kramer, Vance C.
Warren, Gregory W.
Evola, Stephen V.
Crossland, Lyle D.
Wright, Martha S.
Merlin, Ellis J.
Launis, Karen L.
                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                             Desai, Nalini M.
Rothstein, Steven J.
Bowman, Cindy G.
                                                                                                                                                         Lewis, Kelly S.
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Pred. No. 5.8e+02
0; Mismatches
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                                                                                                                                                                                                      Sequence 13, Applicat Patent No. 6077685
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
CLASSIFICATION:
PRIOR APPLICATION NUMBER: US 08/459,595
APPLICATION NUMBER: US 07/951,715
FILING DATE: 02-JUN-1995
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/772,027
PILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAMB: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: CGC1577/CIP/DIV
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: NO
-08-459-504B-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                     APPLICANT: Trofatter, James A.
APPLICANT: MacCollin, Mia M.
APPLICANT: Gusella, James F.
TITLE OF INVENTION: Tumor Suppressor Gene Merlin and Uses
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: lir
MOLECULE TYPE:
DESCRIPTION:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/459,504B FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6075185artis Corporation
STREET: 3054 Cornwallis Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: SUITIE, JÄNET L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
TITLE OF INVENTION: INSECTICIDAL ACTIVITY IN MAIZE
NUMBER OF SEQUENCES: 94
                                                                     NUMBER OF SEQUENCES: 1
STREET: 1100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20 base pairs
TYPE: nucleic acid
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                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                3113 ACCAGACCCTGACCGAGCT 3131
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
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                                                                                                                                                                                                                                                                                                                                            AGCTGACCCTGACCGTGCT 20
                                                                                                                                                                                                                                              Application US/08478087
                                 E: Sterne, Kessler, Goldstein & Fox 1100 New York Avenue, N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dawson, John L.
Dunder, Brik M.
Pace, Gary M.
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(919)541-8689
                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /desc = "primer MK25A28"
                                                                                                                                                                                                                                                                                                                                                                                                                     0.3%; Score 14.2; DB 1
84.2%; Pred. No. 5.8e+02
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57:
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                                                                     OTHER INFORMATION: antisense sequence
US-09-166-186-139
                                                                                                                                                                                                                                                                                                                                                                                                        US-09-166-186-139
                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Buther, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-a EXPRESSION
                                                                                                                                                         SEQ ID NO 139
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                     Sequence 139, Application US/09166186A Patent No. 6080580
                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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Best Local 9
 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRIOR APPLICATION DATA: US 08/026,063
APPLICATION UNMBER: US 08/026,063
FILING DATE: 04-MAR-1993
ATTORNEY/ACENT INFORMATION:
NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.38500
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                          FILE REFERENCE: ISPH-0322
CURRENT APPLICATION UMBER: US/09/166,186A
CURRENT FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (202) 371-2540
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                      ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                          TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/022,034
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE:
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16;
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ilarity 84.2%;
Conservative
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JMBER: US 08/108,808
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                  0.3%; Score 14.2; DB 1;
84.2%; Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
0; Mismatches 3
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   Mismatches
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                                  Length 20;
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TGGGTTCTGAAAGCCCATT

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RESULT 651
US-08-459-444-57
; Sequence 57, Ap
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APPLICANT: WOUNG, Alping H.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
FILE REFERENCE: 032396-040
CURRENT ELING DATE: 1999-02-11
NUMBER OF SEQ ID NOS: 220
SOFTWARE: Patentin Ver. 2.0
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 113
LENGTH: 20
TYPE: DNA
ORGANISM: Human
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6121014
GENERAL INFORMATION:
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Patent No. 6121000
GENERAL INFORMATION:
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COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,444A
FILING DATE: 02-Jun-1995
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Y Match 0.3%;
Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Kramer, Vance C.
Warren, Gregory W.
Evola, Stephen V.
Crossland, Lyle D.
Wright, Martha S.
Merlin, Ellis J.
Launis, Karen L.
Launis, Karen L.
TITLE OF INVENTION: METHOD FOR PRODUCING A PLANT-OPTIMIZED
                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6121014artis Agribusiness Biotechnology Research, STREET: 3054 Cornwallis Road
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Lewis, Kelly S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUCLEIC ACID CODING SEQUENCE
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Pred. No. 5
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GENERAL INFORMATION:

APPLICANT: Acton, Susan L.

TITLE OF INVENTION: SR-BI NUCLEIC ACIDS AND USES THEREFOR

FILE REFERENCE: MIA-005.03

CURRENT APPLICATION NUMBER: US/09/032,894

CURRENT FILING DATE: 1998-02-27

EARLIER APPLICATION NUMBER: 08/890,980

EARLIER FILING DATE: 1997-07-10

NUMBER OF SEQ ID NOS: 121

SOPTWARE: Patentin Ver. 2.0

SEQ ID NO 56
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US-09-032-894-56/c
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                                                                                                                                                                                                                                                                                    US-09-287-796-32
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                                                                                                                                                                                                                   Sequence 32, Application US/09287796A Patent No. 6133246
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%;
Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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                                                        APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REFERENCE: ISPH-0350
CURRENT APPLICATION NUMBER: US/09/287,796A CURRENT FILING DATE: 1999-04-07 EARLIER APPLICATION NUMBER: 09/130,616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPAX: (919)541-8689
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: other nucleic acid DESCRIFTION: /desc = "primer MK25A28" HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 з113 АССАGАСССТGАССGАССТ 3131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-18805/P1/CGC1577/CIP/DIV6
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       1222 TGGGCAGCGGTGGTAGGAA 1240
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 14.2; DB 1;
Pred. No. 5.8e+02;
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US-08-961-810-64
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                                                                                                                                                                                     SEQ ID NO 32
LENGTH: 20
TYPE: DNA
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Best Local Similarity
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EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
                                                                                                                                                                TELEX: 360619
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,810
                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Kolodner, Richard D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING TO DNA
TITLE OF INVENTION: MISMATCH REPAIR GENES
                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                            COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Dair
                                       NAME/KEY:
LOCATION:
            OTHER INFORMATION: OTHER INFORMATION:
                                                                                                             LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A. ZIP: 97204
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack & ADDRESSEE: Heuser
                                                                                         TOPOLOGY: linear
                                                                                                       STRANDEDNESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          520 S.W. Yamhill Street, Suite 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bronner, C. Eric
Baker, Sean M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Bollag, Roni J.
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                                                      misc_feature
                                                                                                    single
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            /note= "primers directed to genomic intron \mathtt{DNA}^{\mathtt{m}}
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Pred. No. 5.8e+02
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Query Match

0.3%;

Score 14.2;

DB 1;

Length

GENERAL INFORMATION:
APPLICANT: Brenda F. Bake
APPLICANT: Lex M. Cowsert

Baker

Sequence 79, Application US/09435296 Patent No. 6171860

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S
                                                                                           Query Match
Best Local Similarity
Thehes 16; Conserv
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US-09-435-296-79/c
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                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-428-696-46
                                                                                                                                                                                                                                                                                                                                                                                                US-09-428-696-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-09-428-696-24
           RESULT 657
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0111
CURRENT PILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 24
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Loc
Matches
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GENERAL INFORMATION:
                                                                                                                                                                                                                                  SEQ ID NO 46
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                      Sequence 46, Applicat Patent No. 6165789
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/428,696
CURRENT FILING DATE: 1999-10-27
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                   APPLICANT: Brett P. Monia
APPLICANT: Lex M. Coweert
TITLE OF INVENTION: ANTIGENSE MODULATION OF
FILE REFERENCE: RTS-0111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Brett P. Monia APPLICANT: Lex M. Cowsert
                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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                                                                            2149 ACTTCCAAGACCACCACAA 2167
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Pred. No. 5.8e+02;
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Pred. No. 5.
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                                                                                                            Mismatches
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RESULT 658
US-09-295-026-7/c
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                                                         ; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-295-026-7
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US-09-435-296-79
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CURRENT APPLICATION NUMBER: US/09/435,296
CURRENT FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 79
LENGTH: 20
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Patent No. 6177249
GENERAL INFORMATION:
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                        TELEFAX: 314-727-6092
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/767,979
PILING DATE: Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: HOLLAND, Donald R
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 96-5219
TELECOMMUNICATION INFORMATION:
TELEPHONE: 314-727-5188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               / Match 0.3%;
Local Similarity 84.2%;
nes 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 63105-1817
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/295,026
PILING DATE: 20-Apr-1999
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Method for Nucleic Acid Analysis Using Fluorescence Resonance Energy Transfer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Howell & Haferkamp, L.C.
STREET: 7733 Porsyth Boulevard, Sui
                                                                                                                 HYPOTHETICAL: NO
                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "D18S8p2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kwok, Pui-Yan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3598 CAGGCTAATCTCAAACTCC 3616
                                                                                                 ANTI-SENSE:
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STATE: MO
                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                     ENGTH: 20 base pairs
0.3%;
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Score 14.2; DB 1;
Pred. No. 5.8e+02;
                                                                                                                                        SYNTHETIC PCR
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                  Length 20;
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US-08-766-528-71
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US-09-490-692-51
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LENGTH: 20
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Patent No. 6180353
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 71,
                                                                                                 PILING DATE:
PRIOR APPLICATION DATA:
PRIOR APPLICATION UNBER: US 08/572,645
APPLICATION 14-DEC-1995
PILING DATE: 14-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: LOUIS MYETS
REGISTRATION NUMBER: 35,965
REFERENCE/DOCKET NUMBER: MGP-038CP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/490,692
CURRENT FILING DATE: 2000-01-24
NUMBER OF SEQ ID NOS: 176
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: MOLECULAR SI
                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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                                                     TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Boston
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                                                                                                                                                                                                                                          APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                               60 State Street
                                              (617) 227-5941
                                                                                                                                                                                                                                                                                                                                                                               USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Jay A. Fishman
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Pred. No. 5
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RESULT 661
US-08-352-902D-64
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                                                                                                                              ; SEQUENCE DESCRIPTION: SEQ ID NO: 64: US-08-352-902D-64
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                                                      Query Match 0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
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GENERAL INFORMATION:
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Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                TELEX: 360619
INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                 NAME: Van Rysselberghe, Pierre C. REGISTRATION NUMBER: 33,557
REFERENCE/DOCKET NUMBER: OHSU 306B
TELECOMUNICATION INFORMATION:
TELEPHONE: (503) 224-6655
TELEFAX: (503) 295-6679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/352,902D
FILING DATE: 09-Dec-1994
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 97204
COMPUTER READABLE FORM:
WENTUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Liskay, Robert M.
Bronner, C. Eric
Baker, Sean M.
Bollag, Roni J.
Kolodner, Richard D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATING
MISMATCH REPAIR GENES
                                                                                                                                                                                                                                           FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Kolisch, Hartwell, Dickinson, McCormack
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3559 CAGAGACTCGGATCAGAGA 3577
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335 GGCTTTTCCTACCACTCCC 353
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                                                                                                                                                                                                        NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Portland
STATE: Oregon
                                                                                                                                                                    OTHER INFORMATION: /note= "primers intron DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 520 S.W. Yamhill Street, Suite 200
                                                                                                                                                                                                                                                            TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
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                                                      Score 14.2; DB 1;
Pred. No. 5.8e+02;
0; Mismatches 3
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Pred. No. 5.8e+02
                                                                                          DB 1; Length 20;
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                                                                                                                                                                                   directed to genomic
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TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT TITLE OF INVENTION: SYNDROME GENE FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/226,012
CURRENT FILING DATE: 1999-01-06
EARLIER APPLICATION NUMBER: 09/122,847
EARLIER APPLICATION NUMBER: 09/122,847
SARLIER FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 116
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 30
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    문
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; ORGANISM: Homo sapiens
US-09-226-012-30
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6207383
                                       TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
                                                                                                            PILING DATE: 07-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 0101
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,918
                                                                                                                                                                                                                                                                                                                                                         COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toc
STREET: 6300 Sears Tower,
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Zsebo, Krisztina M. APPLICANT: Bosselman, Robert A. APPLICANT: Suggs, Sidney V. APPLICANT: Martin, Francis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 6300 & CITY: Chicago
                                                                              TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE:
                                                                                                TELEPHONE:
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6207417
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                                                                                                  312/474-6300
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fower, 233
                                                                                                                                         01017/33005
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US-08-482-918-33/c
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                                                              US-09-224-681-32/c
                                                                            RESULT 665
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Sequence 32, Application US/092246
Patent No. 6207454
GENERAL INFORMATION:
APPLICANT: Zeebo, Krisztina M.
                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                      Matches
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                            TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 314/...
TELEPHONE: 314/4-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/482,918
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: United States of America ZIP: 60606-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local
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                                                                                                                                            5392 TAAAAAATACAAAAAAGA 5410
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: Illinois
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Similarity 84.2%;
                                                                                                                                                                                                                                                                                                        nucleic acid
                                            Application US/09224681
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Zsebo, Krisztina M
                                                                                                                                                                                                                                                                              linear
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                                                                                                                                                                                                 84.2%;
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Pred. No. 5.8e+02
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Pred. No. 5.8e+02
                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Version #1
                                                                                                                                                                                                                DB 1; Length 20;
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US-09-224-681-32
                                                                         Matches
                                                                                                             Query Match
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FILING DATE: 01-V-
PRIOR APPLICATION DATA: 07/573,616
APPLICATION NUMBER: 07/573,616
APPLICATION NUMBER: 24-AUG-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/005
PILING DATE: 12-JAN-1998
CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                   LENGITH: 20 base pairs
TYPE: nucleic acid
STRANDENESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-0CT-1990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 11-JUN-
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PILING DATA:
PRIOR APPLICATION DATA:
O7/537,198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS: ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                         Match 0.3%;
Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                 NAME: Clough, David W. REGISTRATION NUMBER: 36, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 24-MA CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 07/9 FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
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                                   5402 CARARAGARARATGARA 5420
19
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CAAAAAAAAAAAAAAA 1
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                                                                         Conservative
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lower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                 36,107
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                                                                       0;
                                                                       Score 14.2; DB 1;
Pred. No. 5.8e+02;
0; Mismatches
                                                                                                                 DB 1;
                                                                                                           Length 20;
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RESULT 666 US-09-224-681-33/c

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                                                                                               Query Match
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Patent No.
                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07
FILING DATE: 01-OCT-19
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07
                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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ADDRESSEE: Marshall, O'Toole,
STREET: 6300 Sears Tower, 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
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APPLICATION NUMBER:
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PRIOR APPLICATION DATA:
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                                                      Local L
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                                                                                                                                                              STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 07/9 FILING DATE: 25-NOV-1992
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 09/0 FILING DATE: 12-JAN-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                TYPE:
                                                                                                                                                                                                                                                                               TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                  NAME: Clough, David
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 11-JUN-1990
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                                5392 TAAAAAATACAAAAAAGA 5410
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                                                             Similarity 84.2
16; Conservative
                                                                                                                                                                                             nucleic acid
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TAAAAAAAAAAAAAAAAA 1
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                                                                                                                                                                                                              20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               01-OCT-1990
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                                                                                                                                                                                                                                                                                                                                                             David W
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                                                               Score 14.2; DB 1;
Pred. No. 5.8e+02;
0; Mismatches 3
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South Wacker Drive
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                                                              Matches
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Best Local (
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APPLICANT: MARTIN: Stem Cell Factor
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PRIOR APPLICATION DATA:
07/982,255
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A
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LENGTH: 20 base pairs
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FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
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APPLICATION NUMBER:
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TELEFAX: 312/474-0448
TELEX: 25-3856
                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32956
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                   5402 CAAAAAAGAAAAATGAAA 5420
19
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                                                                            Similarity
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6207802
CAAAAAAAAAAAAAAA 1
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                                                              Conservative
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man, Robert A.
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                                                                            Score 14.2; DB 1
Pred. No. 5.8e+02
                                                              Mismatches
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RESULT 668 US-08-336-728A-33/c ; Sequence 33, Application US/08336728A

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                                              Sequence 31, Application US/09244794A Patent No. 6214553
GENERAL INFORMATION:
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION UMBER: 07/589
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A
FILING DATE: 09-NOV-1994
CLASSIFICATION: 424
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ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun STREET: 6300 Sears Tower, 233 South Wacker Drive
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FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
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FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
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TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
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Szostak, Jack W.
Roberts, Richard W.
Liu, Rihe
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Pred. No. 5.8e+02;
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US-09-031-626-56/c
US-09-031-626-56/c
; Sequence 56, Application US/09031626
; Patent No. 6228581
; GENERAL INFORMATION:
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CURRENT FILING DATE: 1999-02-05
PRIOR APPLICATION NUMBER: 60/035,963
PRIOR FILING DATE: 1997-01-27
PRIOR APPLICATION NUMBER: 60/064,491
PRIOR APPLICATION NUMBER: 60/064,491
PRIOR FILING DATE: 1997-11-06
PRIOR PRIOR PRION NUMBER: 09/007,005
PRIOR FILING DATE: 1998-01-14
NUMBER OF SEQ ID NOS: 33
                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Synthetic Sequence US-09-130-616-32
                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 32
LENGTH: 20
TYPE: DNA
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SEQ ID NO 31
FENGTH: 20
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Best Local Similarity
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Patent No. 6221850
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Best Local :
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APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Nero, Pam
APPLICANT: Nero, Pam
APPLICANT: Gaarde, William A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
FILE REPERENCE: ISPH-0318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/130,616C
CURRENT FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
APPLICANT: Acton, Susan L.
APPLICANT: Ordovas, Jose M.
TITLE OF INVENTION: DIAGNOSTIC ASSAYS AND KITS FOR BODY MASS AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
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RESULT 673
US-09-560-594-42
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CURRENT FILING DATE: 1999-05-18
NUMBER OF SEQ ID NOS: 501
SEQ ID NO 139
LENGTH: 20
TYPE: DNA
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APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Butler, Madeline M.
APPLICANT: Shanahan, William R.
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0356
                              SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Lex M. COMBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF ZINC FINGER PROTEIN-217 EXPRESSION
FILE REFERENCE: RTS-0144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 56
LENGTH: 20
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Best Local 9
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                                                                                                                        CURRENT APPLICATION NUMBER: US/09/560,594
CURRENT FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 89
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OTHER INFORMATION: Antisense Oligonucleotide 9-560-594-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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Local Similarity 84.2%;
les 16; Conservative
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Conservative
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Pred. No. 5.
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TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
TITLE OF INVENTION: FUSIONS
FILE REFERENCE: 00786/550003
CURRENT APPLICATION NUMBER: US/09/007,005B
CURRENT FILING DATE: 1998-01-14
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER FILING DATE: 1997-01-27
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER FILING DATE: 1997-11-06
NUMBER OF SEQ ID NOS: 33
SOFTMARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 20
                                                                                                                                                                                                APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
APPLICANT: Cowsert, Lex M.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INFILE REFERENCE: ISPH-0390
CURRENT APPLICATION NUMBER: US/09/377,3098
CURRENT APPLICATION NUMBER: 09/166,203
EARLIER APPLICATION NUMBER: 09/166,203
EARLIER FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 99
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US-09-377-309-84/c
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                                                                          US-09-377-309-84
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                                                                                                                                               SEQ ID NO 84
LENGTH: 20
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserv
                 Query Match
Best Local Similarity
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Matches
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                                                                                                          ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                         OTHER INFORMATION: antisense sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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Conservative
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Pred. No. 5.8e+02
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Pred. No. 5.8e+02
                   Score 14.2; DB 1
Pred. No. 5.8e+02
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                                      Length 20;
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RESULT 677
US-09-487-368A-120
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                                                                                                                                     ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-368A-120
                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
SEQ ID NO 120
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                        Sequence 120, Application US/09487368A Patent No. 6261840 GENERAL INFORMATION:
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Best Local 9
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
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                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN TITLE OF INVENTION: FUSIONS FILE REFERENCE: 00786/350005

CURRENT APPLICATION NUMBER: US/09/247,190

CURRENT FILING DATE: 1999-02-09

EARLIER PPLICATION NUMBER: 60/035,963

EARLIER FILING DATE: 1997-01-21

EARLIER APPLICATION NUMBER: 60/064,491

EARLIER APPLICATION NUMBER: 60/064,491

EARLIER PILING DATE: 1997-11-06

EARLIER PILING DATE: 1997-11-06

EARLIER PILING DATE: 1998-01-14

EARLIER FILING DATE: 1998-01-14
                                                                                                                                                                                                                                                                                                    APPLICANT: Lex M. Cowses
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTI-
PILE REFERENCE: RTS-009:
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APPLICANT: Roberts, Richard
APPLICANT: Liu, Rihe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                   Local
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                                 196 TGCCCACACCCCATCTCCC 214
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Similarity 84.2%;
16; Conservative
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 TGCTCCCACACCATCTCCC 19
                                                                   Conservative
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240
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Pred. No. 5.8e+02
                                                                  Score 14.2; DB 1
Pred. No. 5.8e+02
0; Mismatches
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RESULT 678

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Query Match
Best Local Similarity
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US-09-489-869-27
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                                                                                                                                                                                                                                    RESULT 680
                                                                                                                 Sequence 8, Application US/09543106
Patent No. 6270977
GENERAL INFORMATION:
APPLICANT: Klann, Richard C.
TITLE OF INVENTION: A SPECIFIC,
DETECTION S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 27, Application US/09489869A Patent No. 6268151
GENERAL INFORMATION:
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SEQ ID NO 27
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SEQ ID NO 121
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/09/487,368A
CURRENT FILING DATE: 2000-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Susan Murray
APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: RTS-0110
CURRENT APPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20
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                                                                                                                                                                                                                                                                                                               3921 CCAGTTCCTGGGTGAGATC 3939
                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: W. Murray Spruill (Alston STREET: 3605 Glenwood Ave. Suite 310
                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 196 TGCCCACACCCCATCTCCC 214
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CITY: Raleigh
STATE: NC
COUNTRY: US
                                                                                                                                                                                                                                                                                       CCAGCTGCTGGGTGAGCTC 19
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Pred. No. 5.8e
O; Mismatches
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Pred. No. 5
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CHEME FOR THE PSEUDORABIES VIRUS
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.8e+02;
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                                                                    & Bird, LLP)
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RESULT 681
US-09-244-796-31/c
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                                                                              ; OTHER INFORMATION: DNA splint US-09-244-796-31
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                                                                                                                                                                              EARLIER APPLICATION NUMBER: 09/007,005
EARLIER FILING DATE: 1998-01-14
NUMBER OF SEQ ID NOS: 33
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 31, Application US/09244796 Patent No. 6281344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.3%;
Best Local Similarity 84.2%;
            Query Match
Best Local Similarity
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APPLICANT: Szostak, Jack W.
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  Matches
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CURRENT APPLICATION NUMBER: US/09/244,796
CURRENT FILING DATE: 1999-02-05
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER FILING DATE: 1997-11-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Roberts, Richard W.
APPLICANT: Liu, Rihe
TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
TITLE OF INVENTION: FUSIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 919 420 2202
TELEPAX: 919 881 3175
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Synthetic oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 09/069,811
PILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
NUMB: Spruill, W. Murray
REGISTRATION NUMBER: 32,943
REFERENCE/DOCKET NUMBER: 5626-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/543,106
FILING DATE: 05-Apr-2000
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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16;
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TYPE: nucleic acid
STRANDEDNESS: single
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Conservative
              0.3%; Score 14.2; DB 1;
84.2%; Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
  Mismatches
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                                      DB 1;
                                    Length 20;
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Indels
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Best Local Similarity
Thes 16; Conserva
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                                                                                                                                                                                            RESULT 683
                                                                                                                                                                                                                                                                                                                                                                                                    ; MOLECULE TYPE: US-08-803-346-47
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GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RTS-0103
CURRENT APPLICATION NUMBER: US/09/484,617
CURRENT FILING DATE: 2000-01-18
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GENERAL INFORMATION:
                                                                                                                                 Sequence 159, Application US/09484617 Patent No. 6303374
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FRASTSEQ for Windows Version 2.0
CURRENT APPLICATION NUMBER: US/08/803,346
APPLICATION NUMBER: US/08/803,346
FILING DATE: 20-FEB-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: RAT OB RECEPT TITLE OF INVENTION: ENCODING THEM NUMBER OF SEQUENCES: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: CASKEY, C. APPLICANT: LIU, QINGY APPLICANT: PHILLIPS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 32,838
REFERENCE/DOCKET NUMBER: 190
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-3046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: GIESSER, JOANNE M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 732-594-30
TELEFAX: 732-594-4720
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ZIP: 07065
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                                                                                                                                                                                                                                                                                    3509 AGGGCCTGGATACGGGAGA 3527
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126 EAST LINCOLN AVENUE - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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CASKEY, C. THOMAS
                                                                                                                                                                                                                                                                                                                             Conservative
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RAT OB RECEPTORS AND NUCLEOTIDES
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Pred. No. 5.8e+02;
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RESULT 685
US-09-364-416-78
; Sequence 78, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                           US-08-890-865A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-890-865A-5
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Matches
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Patent No. 6307019
GENERAL INFORMATION:
APPLICANT: Constantini, Franklin
APPLICANT: Zeng, Li
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ
SEQ ID NO 159
                                                                                                                                                                                            Matches
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/890
FILLING DATE: 10-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 05
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)278-0400
TELEPAX: (212)391-0526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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nes 16; Conserv
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                                                                                                                                                             2569 GAGAGAGAGATGGAGAACA 2587
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1185 Avenue of the Americas
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84.2%; Pred. No. 5.8
rative 0; Mismatches
                                                                                                                                                                                                         0.3%; Score 14.2; DB 1;
84.2%; Pred. No. 5.8e+02;
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                                                                                                                                                                                          0; Mismatches
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; ANTI-SENSE:
US-09-364-416-78
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                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 686
                                                                                                                                                                                                                                                                                                                                     Patent No. 6312900
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                        Sequence 95, Application US/09364416 Patent No. 6312900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: '
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                    ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                         APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. APPLICANT: Miraglia; Brenda F. Baker TITLE OF INVENTION: Antisense Oligonucleotide TITLE OF INVENTION: Compositions and Methods for the Modulation TITLE OF INVENTION: Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/06
PILING DATE: APPLI 14, 15
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
NAME: Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH,
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                    NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
COMPUTER: IBM PS/2
OPERATING SYSTEM: 1
SOFTWARE: WORDPERF
                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
nes 16; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                         COUNTRY:
                                                                                                                                                  CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Marlton
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             339 TTTCCTACCACTCCCCTC 357
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                                                                                                                                                                    66 East Main Street
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ilarity 84.2%;
Conservative
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SYSTEM: WINDOWS 95
WORDPERFECT 6.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (609) 810-1515
                                                  DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Antisense Oligonucleotide
Compositions and Methods for the Modulation
Activating Protein 1
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Pred. No. 5.8e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1;
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RESULT 688
US-09-547-422-57
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US-09-326-186B-216/c
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          Sequence 57, Application US/09547422
Patent No. 6320100
GENERAL INFORMATION:
APPLICANT: Koziel, Michael G.
Desai, Nalini M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0376
                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 216
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 216, Application US/09326186B Patent No. 6319906
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Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/326,186B
CURRENT FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-11-31
NUMBER OF SEQ ID NOS: 226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US/08/837,201
APPLICATION UNMBER: US/08/837,201
FILING DATE: APPII 14, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (609) 810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Synthetic
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                                                                                                                                                                                                                                                                Local Similarity
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Lewis,
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Pred. No. 5.8e+02;
                                                                                                                                                                                                                                                               Score 14.2; DB 1;
Pred. No. 5.8e+02;
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                                                                                                                                                                                                                                                                                 DB 1;
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US-09-651-011A-23/c
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GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Liex M. Cowsert
APPLICANT: LOR M. COWSERT
TITLE OF INVENTION: ANTISENSE MODULATION OF HPK/GCK-LIKE KINASE EXPRESSION
FILE REFERENCE: RTS-01.68
CURRENT APPLICATION NUMBER: US/09/651,011A
CURRENT APPLICATION NUMBER: US/09/651,011A
CURRENT FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 49
                                                                                                                                                                                   Sequence 23, Application US/09651011A Patent No. 6346416
                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                              Matches 16;
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Tinothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-18805H
TELECHONICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEPHONE: (919)541-8589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/547,422
FILING DATE: 11-Apr-2000
CLASSIFICATION: <Unknown>
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Merlin, Ellis J.
Launis, Karen L.
TITLE OF INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED
INSECTICIDAL ACTIVITY IN MAIZE
NIMBED OF CECUTEWOOD.
                                                                                                                                                                                                                                                                                                                                                                  3113 ACCAGACCCTGACCGAGCT 3131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DESCRIPTION: /desc = "primer MK25A28" HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6320100artis Agribusiness Biotechnology Research,
STREET: 3054 Cornwallis Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO: 57:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: other nucleic acid
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TYPE: nucleic acid
STRANDEDNESS: single
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APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Crossland, Lyle D.
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Pred. No. 5.
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NUMBER OF SEQ ID NOS: 89
SEQ ID NO 55
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-732-199A-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-702-251-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-651-011A-23
                                                                                                                                                                          NUMBER OF SE
SEQ ID NO 33
LENGTH: 20
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LENGTH: 20
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APPLICANT: Ian Popoff
APPLICANT: Jacqueline
                                                                                                                                                                                                                                                                                                                                    Sequence 33, Application US/09732199A Patent No. 6379960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
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                                                                                                                                                                                                           APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF DAMAGE-SPECIFIC DNA BINDING PROTEIN 2,
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0214
CURRENT APPLICATION NUMBER: US/09/732,199A
CURRENT FILING DATE: 2000-12-06
                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide - 09-732-199A-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: RTS-0199
CURRENT APPLICATION NUMBER: US/09/702,251
CURRENT FILING DATE: 2000-10-30
                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 5.8e+02
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Pred. No. 5.8e+02
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US-09-702-246-48
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                                                                                                                 sequence 88, Application US/09851520 Patent No. 6399379 GENERAL INFORMATION:
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Patent No. 6383809
GENERAL INFORMATION:
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Best Local S
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LENGTH: 20
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SEQ ID NO 48
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APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0241
CURRENT APPLICATION NUMBER: US/09/851,520
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/702,246
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REPERENCE: RTS-0195
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CURRENT APPLICATION NUMBER: US/09/702,246
CURRENT FILING DATE: 2000-10-30
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APPLICANT: Lex M. Cowsert
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Antisense Oligonucleotide
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Pred. No. 5.8e+02;
D; Mismatches 3;
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Pred. No. 5.8e+02;
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LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-896-86
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LENGTH: 20
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Best Local Similarity
Matches 16; Conserv
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Patent No. 6410325
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                                              EARLIER APPLICATION NUMBER: US 08/888,982
EARLIER FILING DATE: 1997-07-07
EARLIER APPLICATION NUMBER: US 08/756,806
EARLIER FILING DATE: 1996-11-26
EARLIER APPLICATION NUMBER: PCT/US95/07111
EARLIER FILING DATE: 1995-05-31
EARLIER APPLICATION NUMBER: US 08/250,856
EARLIER FILING DATE: 1994-05-31
                                                                                                                                                                                     CURRENT FILING DATE: 2000-02-18
EARLIER APPLICATION NUMBER: US 09/143,214
EARLIER FILING DATE: 1998-08-28
EARLIER APPLICATION NUMBER: PCT/US98/13961
EARLIER FILING DATE: 1998-07-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/851,896
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 89
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APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
                                NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/506,073
                                                                                                                                                                                                                                                                                                             APPLICANT: Monia, Brett P.
TITLE OF INVENTION: Antisense Oligonucleotide Modulation
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NO 81
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Pred. No. 5.8e+02;
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; PEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-35
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CURRENT FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 114
LENGTH: 20
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Matches
                                                      Query Match
Best Local Similarity
Matches 16; Conserv
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LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                         Sequence 35, Application US/09792594 Patent No. 6436706
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Best Local Similarity
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APPLICANT: Andrew T. Watt
TITLE OF RECQL4 EXPRESSION
                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/792,594
CURRENT FILING DATE: 2001-02-23
                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                     FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: RTS-0125
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 CGTGGAGATGCCAGACAGG 19
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Pred. No. 5.
                                                                   Score 14.2;
Pred. No. 5
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Pred. No. 5.8e+02;
                                                         Mismatches
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US-09-661-753-15
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SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORCANTON
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
APPLICANT: Jugqueline Wyatt
APPLICANT: Susan M. Freier
TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION
FILE REFERENCE: RTS-0138
CURRENT APPLICATION NUMBER: US/09/676,610B
CURRENT FILING DATE: 2000-09-29
NUMBER OF SEQ ID NOS: 182
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SEQ ID NO 15
LENGTH: 20
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APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
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                                                                                                                                                                 Sequence 142, Application US/09676610B Patent No. 6444465
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Best Local Similarity
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TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
FILE REFERENCE: RTS-0279
CURRENT APPLICATION NUMBER: US/09/907,843
CURRENT FILING DATE: 2001-07-17
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APPLICANT: Susan F. Murray
TITLE OP INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: ISPH-0498
CURRENT APPLICATION NUMBER: US/09/661,753
CURRENT FILING DATE: 2000-09-14
EARLIER APPLICATION NUMBER: 60/154,546
EARLIER FILING DATE: 1999-09-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                    Local
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Pred. No. 5.8e+02;
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Pred. No. 5.8e+02
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APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISISIST7
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR APPLICATION NUMBER: 08/08,658
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/08,661
PRIOR PILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR PILING DATE: 1903-07-02
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US-09-791-211-56/c
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Matches
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CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 56
LENGTH: 20
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GENERAL INFORMATION:
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Best Local (
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GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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nes 16; Conserv
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                FILING DATE: 1992-05-22 APPLICATION NUMBER: 986
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                                                                                                                                                                                                                                                                                                                                                                                    Kiely, John
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ON: ANTISENSE MODULATION OF WRN EXPRESSION
RTS-0205
1991-05-22
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Pred. No. 5.
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Pred. No. 5.8e+02;
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SOFTWARE: PatentIn Ve;
SEQ ID NO 28
LENGTH; 20
TYPE: DNA
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Best Local S
Matches 16
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SOFTWARE: Patentin Ver.
SEQ ID NO 27
   Query Match
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                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 986/91
PRIOR FILING DATE: 1991-05-22
PRIOR APPLICATION NUMBER: 987/91
PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92
PRIOR FILING DATE: 1991-04-15
                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 1993-11-22
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR FILING DATE: 1993-07-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Buchardt, Ole
APPLICANT: Dueholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 987
PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510
PRIOR FILING DATE: 1991-04-15
                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 1992-05-22
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NAME/KRY: misc feature
LOCATION: (10). (11)
OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, Amino
OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
                                                       OTHER INFORMATION: Lysine, Amino Cis-hexenoic Acid, OTHER INFORMATION: Cis-hexenoic Acid, Lysine Linkage
                                                                                            NAME/KEY: misc feature LOCATION: (10)..(11)
                                                                                                                             OTHER INFORMATION: Description of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                     FEATURE:
                                                                                                                                                                       ORGANISM: Artificial Sequence
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o. 6451968
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16; Conservative
                                                                                                                                                                                                                                                   PatentIn Ver. 2.1
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Neilsen, Peter
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Score 14.2;
                                                                                                                               Artificial Sequence:
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DB 1;
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Length 20;
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                                                                          Lysine, Amino
                                                                                                                                 No.
                                                                                                                                   6451968el Sequence
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RESULT 706
US-08-275-951-30/c
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PERATURB:
PERATURB: INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
NAME/KEN: misc feature
LOCATION: (10)...(11)
POTHER INFORMATION: Lysine, Amino Hexynoic Acid, Lysine, Amino
THER INFORMATION: Hexynoic Acid, Lysine Linkage
US-08-275-951-29
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APPLICANT: Buchardt, Ole
APPLICANT: Buchardt, Ole
APPLICANT: Ducholm, Kim L.
APPLICANT: Christensen, Leif
TITLB OF INVENTION: Linked Peptide Nucleic Ac:
PILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR APPLICATION NUMBER: 08/088,658
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
PRIOR FILING DATE: 1993-07-02
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SEQ ID NO 29
LENGTH: 20
                                                                                     Sequence 30, Application US/08275951
Patent No. 6451968
GRMERAL INFORMATION:
APPLICANT: Egholm, Michael
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                                                                                                                                                                                                                                                                                                          Matches
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Best Local Similarity
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 1992-05-22
PRIOR APPLICATION NUMBER: 986
PRIOR FILING DATE: 1991-05-22
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1993-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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PTILING DATE: 1991-05-24
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                                     Griffin, Michael Coull, James M.
 Neilsen, Peter
Buchardt, Ole
                                                                  Egholm, Michael
Kiely, John
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Kiely, John
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Pred. No. 5.8e+02;
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0; Mismatches
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LENGTH: 20
TYPE: DNA
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PRIOR APPLICATION NUMBER: 08/08
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/08
PRIOR FILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/E
PRIOR PILING DATE: 1992-05-22
PRIOR FILING DATE: 1992-05-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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APPLICANT: Buchardt, Ole
APPLICANT: Ducholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
FILE REFERENCE: ISIS1577
CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
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OTHER INFORMATION: Lysine, Meta-Amino Benzoic Acid, Lysine, OTHER INFORMATION: Lysine, Meta-Amino Benzoic Acid, Lysine Linkage
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                                                                                           FILING DATE: 1993-07-02
APPLICATION NUMBER: 08/088,661
FILING DATE: 1993-07-02
APPLICATION NUMBER: PCT/EP92/01219
                                                                                                                                                   APPLICATION NUMBER: 08/108,591
FILING DATE: 193-11-22
APPLICATION NUMBER: 08/088,658
FILING DATE: 1993-07-02
                                 FILING DATE: 1992-05-22
APPLICATION NUMBER: 986/91
FILING DATE: 1991-05-22
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   APPLICATION NUMBER: FILING DATE: 1991-0
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Similarity 84.2%;
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VENTION: Linked Peptide Nucleic Acids
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1991-05-24
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Pred. No. 5.8e+02
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US-09-091-952A-58/c
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NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn V
SEQ ID NO 63
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LOCATION: (10)..(11)
OTHER INFORMATION: Ethylene Glycol, Ethylene Glycol
OTHER INFORMATION: Linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
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TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pair
                                                                                           PRIOR APPLICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: US 66/029,278

FILING DATE: 28-0CT-1996

APPLICATION NUMBER: PCT/US97/19381

FILING DATE: 28-0CT-1997

ATTORNEY/AGENT INFORMATION:

NAME: Smith, Timothy L.

REGISTRATION NUMBER: 015280-297100US

TELEPONUMICATION INFORMATION:

TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOPTMARBE: FRATUSEO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A
FILING DATE: 19-Apr-1999
CLASSIFICATION: <undown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LL
STREET: Two Embarcadero Center, Eighth Floor
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Gershon, Elliot S.
Badner, Judith A.
Goldin, Lynn R.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
                                                                                TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/09091952A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Berrettini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1991-04-15
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Pred. No. 5.8e+02.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 20;
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Sequence 22, Application US/09535008

Patent No. 6465629

GENERAL INFORMATION:
APPLICANT: Wong, Alexander K.C.
APPLICANT: Wong, Alexander K.C.
APPLICANT: Teng, David H.-F.
TITLE OF INVENTION: BRG1 IS A TUMOR SUPPRESSOR THAT IS MUTITILE OF INVENTION: BRG1 IS A TUMOR SUPPRESSOR THAT IS MUTITILE OF INVENTION: AND OTHER CANCER TYPES
FILE REFERENCE: 2318-259
CURRENT APPLICATION NUMBER: US/09/535,008
CURRENT FILING DATE: 2000-03-23
EARLIER APPLICATION NUMBER: U.S. 60/125,806
EARLIER FILING DATE: 1999-03-23
NUMBER OF SEQ ID NOS: 77
COPPMANDE: DATE: 1999-03-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LUCATION: 1...20
;
OTHER INFORMATION: CHLC.GGAA16G02 forward primer;
SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-09-091-952A-58
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US-09-360-416-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/360,416
CURRENT FILING DATE: 1999-07-23
NUMBER OF SEQ ID NOS: 143
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
                                                                               SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 9, Application US/09360416
Patent No. 6458536
GENERAL INFORMATION:
APPLICANT: Richard A. Gatti
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Best Local :
 Best Local
Matches 1
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                                 Query Match
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                                                                 -09-535-008-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: METHODS FOR DETECTION OF TITLE OF INVENTION: TELANGIECTASIA MUTATIONS FILE REFERENCE: 510015-222
                                                                                                                                               SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local
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TOPOLOGY: linear
MOLECULE TYPE: DNA
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16;
                Similarity
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Score 14.2; DB 1;
Pred. No. 5.8e+02;
0; Mismatches 3
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Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
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                                 DB 1;
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                                Length 20;
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CURRENT FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 18
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
             GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: RTS-0230
CURRENT APPLICATION NUMBER: US/09/844,525A
CURRENT FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 46
LENCTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 46, Application US/09844525A Patent No. 6468796
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Best Local
                                                                               Sequence 77, Appli
Patent No. 648597
                                                                                                                                                                                                                                                   Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: G. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0230
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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                                                                                               Application US/09861159
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Pred. No. 5.8e+02
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Pred. No. 5.
                                                                                                                                                                                                                                                      Mismatches
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                 PTPN2 EXPRESSION
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APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Madeline M. Butler
ITTLE OF INVENTION: ANTIGENSE MODULATION OF PTE
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
SEQ ID NO 120
LENGTH: 20
TYPE: DNA
TYPE: DNA
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APPLICANT: Lex M. Cowsert
APPLICANT: Jacqueline Wyatt
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Brett P. Monia
APPLICANT: Madeline M. Butler
APPLICANT: Mobert McKay
TITLE OF INVENTION: ANTISENSE MODULATION OF PT
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILLING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
                                                                                                                                                                                                                                                                                                                                                               RESULT 715
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-629-644A-120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/861,159
CURRENT FILING DATE: 2001-05-18
NUMBER OP SEQ ID NOS: 87
SEQ ID NO 77
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.3%;
Best Local Similarity 84.2%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                          Sequence 121, Application US/09629644A Patent No. 6602857 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    196 TGCCCACACCCCATCTCCC 214
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    Mismatches

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Pred. No. 5.8e+02
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Pred. No. 5.8e+02;
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APPLICANT: ROBERT MCKAY
TITLE OF INVENTION: ANTIGENSE MODULATION OF PT
FILE REFERENCE: ISPH-0478
CURRENT APPLICATION NUMBER: US/09/629,644A
CURRENT FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR EILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 242
SEQ ID NO 121
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; OTHER INFORMATION: Antisense Oligonucleotide US-09-898-361-147
                                                                                                                                                                                                                                                                                                                 US-09-898-361-147/c
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                                                                                              Sequence 147, Application US/09898361
PATENT NO. 6503152
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0158
CURRENT PAPLICATION NUMBER: US/09/898,361
CURRENT PILLING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 147
LENGTHI. 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Patent No. 01220
PATENTION:
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Best Local &
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                 ENGTH: 20
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Brett P. Monia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/09629644A
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Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Biallelic markers for use in
PILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
                                                                                                              SEQ ID NO 4755
                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4755, Application US/09422978 Patent No. 6537751
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Best Local (
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Best Local :
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CURRENT FILING DATE: 1999-01-28
EARLIER APPLICATION NUMBER: 60/035,963
EARLIER FILING DATE: 1997-01-27
EARLIER APPLICATION NUMBER: 60/064,491
EARLIER FILING DATE: 1997-11-06
EARLIER APPLICATION NUMBER: 09/007,005
EARLIER APPLICATION NUMBER: 09/007,005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN TITLE OF INVENTION: FUSIONS FILE REFERENCE: 00786/350004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Szostak, Jack W.
APPLICANT: Roberts, Richard
APPLICANT: Liu, Rihe
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cohen,
                                                                                                                                 NUMBER OF SEQ
                                   LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
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NAME/KEY: primer_bind
LOCATION: 1..20
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Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
0; Mismatches 3
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GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
FIILE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-230-652-96
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                                                                                                                                                                                                                                                                                                                                                                                       Sequence 96, Application US/09230652A Patent No. 6537775
GENERAL INFORMATION:
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Best Local
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SEQ ID NO 7052
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Best Local Similarity
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ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer bind
LOCATION: 1..20
                                                                                  CURRENT APPLICATION NUMBER: US/09/230,652A CURRENT FILING DATE: 1999-05-17 CARLIER APPLICATION NUMBER: FR 96 09733 EARLIER FILING DATE: 1996-08-01 EARLIER APPLICATION NUMBER: FR 97 04680 EARLIER FILING DATE: 1997-04-16 EARLIER APPLICATION NUMBER: PCT/FR97/01433
                                                                                                                                                                                                                                    APPLICANT: Tournier-Lasserve, Elisabeth
APPLICANT: Joutel, Anne
APPLICANT: Bousser, Marie-Germaine
APPLICANT: Bach, Jean-Francois
TITLE OP INVENTION: GENE INVOLVED IN CADASIL,
TITLE OP INVENTION: THERAPEUTIC APPLICATION
FILE REFERENCE: 03715.0048-00000
SOFTWARE: PatentIn Ver.
EQ ID NO 96
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EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                          NUMBER OF SEQ ID NOS: 163
                                                                EARLIER FILING DATE: 1997-07-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: upstream amplification primer 99-23702 for SEQ 3118,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
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Pred. No. 5.8e+02;
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                                                       Query Match
Best Local Similarity
Matches 16; Conserv
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Best Local Similarity
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TELEX: 360619
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Van Rysselberghe, Pierr
NAME: Van Rysselberghe, Pierr
REGISTRATION NUMBER: 33,557
REFERENCE/DOCKET NUMBER: OHSU
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 24-6655
TELECOMMUNICATION 295-6679
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/265,503B
FILING DATE: March 10, 1999
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                              NAME/KEY: misc_feat
LOCATION: 1
OTHER INFORMATION:
OTHER INFORMATION:
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ITLE OF INVENTION: COMPOSITIONS AND METHODS
ITLE OF INVENTION: RELATING TO DNA MISMATCH REPAIR GENES
                                                                                                                                                                                                                                                 LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 520 S. (CITY: Portland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A. ZIP: 97204
                                                                                                                                                                                                                                      TOPOLOGY:
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                        GGCTTTTCCTACCACTCCC 353
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GGCTTTTTCTCCCCCCTCCC 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    B: Kolisch, Hartwell, Dickinson, McCormack & Heuser
520 S.W. Yamhill Street, Suite 200
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Baker, Sean M.
Bollag, Roni J.
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                                                               Conservative
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                                                                                                                                                                                                 misc_feature
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                                                                              0.3%;
                                                                                                                                               /note= "primers directed to genomic
intron DNA"
                                                                                                                                                                                                                                                                                                                          64:
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                                                               0,
                                                              Score 14.2; DB 1; Length 20; Pred. No. 5.8e+02; O; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                           OHSU 306D
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Pred. No. 5.8e+02
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US-08-857-636-64
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US-09-705-267A-30/c
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LENGTH: 20
TYPE: DNA
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APPLICANT: Hong Zhang
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDD EXPRESSION
FILE REFERENCE: RTS-0211
CURRENT APPLICATION NUMBER: US/09/705,267A
CURRENT FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 177
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Patent No. 6
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                                          ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                            TITLE OF INVENTION: A Basal Cell Carcinoma Tumor Suppressor Gene
NUMBER OF SEQUENCES: 83
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
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les 16; Conserv
              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                            COUNTRY:
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                                                                                                                California
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                                                                                                   USA
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Toftgard, Rune Carl-Magnus
Chenevix-Trench, Georgia
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Hahn, Heidi Eve
Wicking, Carol
                                                                                                                                                                                                                                   Bale, Allen E.
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Shanley, Susan Mary
PatentIn Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                  Pressman, Carol Leah
Leffell, David J.
                                                                                                                                                                                                                                                                                                                                                                                                      Gillies, Susan Alana
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Holmberg-Lindstrom, Erika
Unden, Anne Birgitte
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Pred. No. 5.8e+02
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RESULT 726
US-09-198-452A-4382
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                                                                                                                                                                                                                                                                           ; ORGANISM: Chlamydia pneumoniae US-09-198-452A-1907
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-198-452A-1907
                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 1907
LENGTH: 20
Sequence 4382, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1907, Application US/09198452A Patent No. 6559294
                                                                                                                                                                                                 Matches
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Best Local Similarity
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Best Local Similarity 84.2%;
                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preve
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
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APPLICATION NUMBER: AU PO0011
FILING DATE: 21-MAY-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: AU PO0363
PILING DATE: 07-JUN-1996
PRIOR APPLICATION UNMBER: US 60/019,765
PRIOR APPLICATION UNMBER: US 60/019,765
PILING DATE: 14-JUN-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (415) 576-0300 INFORMATION FOR SEQ ID NO: (
                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 38,498
REFERENCE/DOCKET NUMBER: 015280-278200US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/017,906
FILING DATE: 17-MAY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 16-MAN CLASSIFICATION: 51
                                                                                                                                                        3306 ССТССАССАСААСЛАССТС 3324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2322 CATCTCCACCTTCTTGAAG 2340
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                                                                                                                   CCGGCAGCAGAACTCCCTG 20
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Pred. No. 5.8e+02;
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Pred. No. 5.8e+02
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; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4578
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Best Local Similarity
Matches 16; Conserva
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4475
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Best Local Similarity
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4382
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US-09-198-452A-4578
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                                                                                                                         GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
FULE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4578
LENGTH: 20
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APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4382
LENGTH: 20
TYPE: NUMBER
                                                                                                                                                                                                                                                                                                                                                                    Sequence 4578, Application US/09198452A Patent No. 6559294
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SEQ ID NO 4475
LENGTH: 20
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Patent No. 6559294
  Best Local Similarity
                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Griffais, R. TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prever TITLE OF INVENTION: and treatment of infection Particular Sylle REFERENCE: 9710-003-999 CURRENT PRILE REPERICATION NUMBER: US/09/198,452A CURRENT FILING DATE: 1998-11-24
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0.3%;
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Pred. No. 5.8e+02
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Pred. No. 5.
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Pred.
    14.2;
No. 5
    DB 1;
.8e+02;
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                        Length 20;
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; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5536
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US-09-198-452A-6456
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US-09-198-452A-6307
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Patent No. 6559294
GENERAL INFORMATION:
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frag
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
APPLICANT: Griffais, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, frac
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
GENERAL INFORMATION:
APPLICANT: Griffals, R.
APPLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment.
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev.
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
                                                                                                          Sequence 6456, Application Patent No. 6559294
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SEQ ID NO 6307
LENGTH: 20
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SEQ ID NO 5536
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CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Chlamydia
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Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
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TYPE: DNA; Chlamydia; ORGANISM: Chlamydia
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                                                          US-09-808-358-7
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                                                                                                                                                                                                                                                                              Sequence 7, Application US/09808358
Patent No. 6582955
GENERAL INFORMATION:
APPLICANT: TOSOH Corporation
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Matches
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CURRENT APPLICATION NUMBER: US/09/198,452A
CURRENT FILING DATE: 1998-11-24
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 6599
LENGTH: 20
                                                                                                                SEQ ID NO 7
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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GENERAL INFORMATION:
APPLICANT: Griffais, R.
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SEQ ID NO 6456
LENGTH: 20
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Matches
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Best Local
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ORGANISM: Chlamydia
-09-198-452A-6599
                                                                                                                                                                            FILE REPERENCE: 200-2496
CURRENT APPLICATION NUMBER: US/09/808,358
CURRENT FILING DATE: 2001-03-15
NUMBER OF SEQ ID NOS: 48
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                                                                                                                                                                                                                                   TITLE OF INVENTION: Oligonucleotides for Detection of Vibrio Parahaemore TITLE OF INVENTION: and Detection Method for Vibrio Parahaemolyticus TITLE OF INVENTION: Oligonucleotides
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                                                              FEATURE:
OTHER INFORMATION: oligonucleotide capable of bis
OTHER INFORMATION: trh2 or RNA derived therefrom
             Local Similarity
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               Score 14.2;
Pred. No. 5
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Pred. No. 5.8e+02
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Pred. No. 5.8e+02;
Mismatches
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                                                     US-09-249-247-113
                                                                       RESULT 736
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US-09-601-144-43
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US-09-601-144-43
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Best Local S
Matches 16
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CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 62
LENGTH: 20
TYPE: DNA
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SEQ ID NO 43
LENGTH: 20
TYPE: DNA
Sequence 113, Application US/09249247 Patent No. 6593305 GENERAL INFORMATION:
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GENERAL INFORMATION:
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Patent No. 6586245
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Best Local Similarity
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FILE REFERENCE: 683-112US-A
CURRENT APPLICATION NUMBER: US/09/601,144
CURRENT FILING DATE: 2000-10-18
PRIOR APPLICATION NUMBER: US 60/073,196
PRIOR APPLICATION DATE: 1998-01-30
NUMBER OF SEQ ID NOS: 74
                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION FILE REFERENCE: RTS-0223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
APPLICANT: Lee, Yoon S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Jacqueline Wyatt APPLICANT: Scott B. Davis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                            1180 AGAGAAAGAGAGAGAGAGA 1198
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16; Conserv
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                                                                                                                                                                                                              Score 14.2; DB 1;
Pred. No. 5.8e+02;
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Pred. No. 5.
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RESULT 738
US-09-967-669-31
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US-09-249-247-113
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
APPLICANT: JACQUELINE WYATT
TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0130
CURRENT APPLICATION NUMBER: US/09/780,045
CURRENT FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 135
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ARTIFICIAL ARTIFICIAL SCIENCE
                               GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE
FILE REFERENCE: RTS-0259
CURRENT APPLICATION NUMBER: US/09/967,669
CURRENT FILING DATE: 2001-09-28
                                                                                                                                                                              Sequence 31, Application Patent No. 6692960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 56, Application US/09780045 Patent No. 6602713
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Best Local Similarity
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Best Local Similarity
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TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against ITITLE OF INVENTION: R2 Components of Ribonucleotide Reductase FILE REFERENCE: 032396-023

CURRENT APPLICATION NUMBER: US/09/249,247

CURRENT FILING DATE: 199-02-11

EARLIER APPLICATION NUMBER: US 60/023,040

EARLIER FILING DATE: 1996-08-02

EARLIER FILING DATE: 1996-08-02

EARLIER APPLICATION NUMBER: US 60/039,959

EARLIER APPLICATION NUMBER: US 08/904,901
NUMBER OF SEQ ID NOS:
EQ ID NO 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: WRIGHT, APPLICANT: YOUNG,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20
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Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
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RESULT 740
US-09-657-013-4/c
; Sequence 4, Application US/09657013
; Patent No. 6709817
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US-09-661-858-71
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Focal Similarity
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APPLICANT: Jay A. Fishman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                           REPERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEPAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/661,858
FILING DATE: 14-Sep-2000
PRIOR APPLICATION NUMBER: 08/766,528
PILING DATB: <Unknown>
APPLICATION NUMBER: 08/766,528
FILING DATB: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                    TOPOLOGY: linear MOLECULE TYPE: cDNA SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                             3559 CAGAGACTCGGATCAGAGA 3577
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: MOLECULAR SEQUENCE OF SWINE RETROVIRUS AND METHODS OF USE
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                                                                                                                                                                                                                                                                                                                      LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Boston
STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 35,965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 60 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Louis Myers
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Pred. No. 5.8e+02;
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Pred. No. 5.8e+02;
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US-10-215-448-71
  Sequence 300, Application US/08983605A

Patent No. 6720137

GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Triticum Aestivum and Tribe Triticase and the Use
TITLE OF INVENTION: Said Markers
FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: US 195 25 284.5
                                                                                                                                                                                                                                                                           US-08-983-605-300/c
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APPLICANT: Zogḥbi, Huda Y.

APPLICANT: Zogḥbi, Ruthie

APPLICANT: Wan den Veyver, Ignatia B

APPLICANT: Amir, Ruthie

APPLICANT: Francke, Ute

APPLICANT: Francke, Ute

TITLE OF INVENTION: Methods of Identifying Mutations in a Methyl-CPG-Binding Domain

TITLE OF INVENTION: Containing Gene or Protein in Neurodevelopmental Disease and Tr

TITLE OF INVENTION: UNUMER: US/09/657,013

CURRENT PLICATION NUMBER: US/09/657,013

CURRENT APPLICATION NUMBER: US 60/152,778

PRIOR APPLICATION NUMBER: US 60/152,778

PRIOR APPLICATION DATE: 1999-09-07

PRIOR APPLICATION DATE: 1999-09-07

NUMBER OF SEQ ID NOS: 114

SOPTWARE: Patentin version 3.1

SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
FILE REFERENCE: RTS-0179
CURRENT APPLICATION NUMBER: US/10/215,448
CURRENT FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 105
SEQ ID NO 71
LENGTH: 20
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GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
EARLIER FILING DATE: 1995-06-28
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ORGANISM: Artificial sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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Pred. No. 5.8e+02
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Pred. No. 5.8e+02;
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RESULT 743
US-09-988-462-57
; Sequence 57, Application
; Patent No. 6720488
; PATENT INFORMATION;
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 16;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Triticum aestivum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20
                                                                        INFORMATION FOR SEQ ID NO: 57:
                                                                                                                                                                                                   APPLICATION NUMBER: US 09/547,422
FILING DATE: 11-APR-2000
APPLICATION NUMBER: US 08/459,504
FILING DATE: 02-UN-1995
APPLICATION NUMBER: US 07/951,715
FILING DATE: 25-SEP-1992
APPLICATION NUMBER: US 07/772,027
FILING DATE: 04-OCT-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compactible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                         NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: S-18805I
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919)541-8587
TELEFAX: (919)541-8689
                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 27709
COMPUTER READABLE FORM:
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ADDRESSEE: Syngenta Biotechnology, Inc.
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             880 TGGATCCATGAATTGCCGG 898
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 h 0.3%;
Similarity 84.2%;
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/988,462
FILING DATE: 20-No. 6720488-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: NC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/09988462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INVENTION: SYNTHETIC DNA SEQUENCE HAVING ENHANCED INSECTICIDAL ACTIVITY IN MAIZE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Wright, Martha S.
Merlin, Ellis J.
Launis, Karen L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Warren, Gregory W.
Evola, Stephen V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Crossland,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Desai,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Michael
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Pred. No. 5.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-988-462-57
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Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No. 6759215
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 10 CORRESPONDENCE ADDRESS:
                                                       SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                           TELEX: <Unknown>
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INFORMATION FOR SEQ ID NO: 32:
                                                                                                                                                      REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         з113 АССАGАСССТGАССGAGCT 3131
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DESCRIPTION: /desc = "primer MK25A28"
HYPOTHETICAL: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 57:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Stem Cell Factor
                                                                                                                                                                                                                                                                                       FILING DATE: 01-OCT-1990
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
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STATE: Illinois
COUNTRY: United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/635,251
FILING DATE: 07-Aug-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Marshall, O'Toole, STREET: 6300 Sears Tower, 233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AGCTGACCCTGACCGTGCT 20
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                   TELEFAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 04-OCT-1991
APPLICATION NUMBER: 07/589,701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
                                              LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 07/684,535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/09635251
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Krisztina M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Francis H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Robert A.
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Pred. No. 5.8e+02;
0; Mismatches 3
                                                                                                                                                                                                                             36,107
                                                                                                                                                                                                        01017/32957A
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South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1;
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; MOLECULE TYPE: DNA SEQUENCE DESCRIPTION: SEQ ID NO: 32: US-09-635-251-32
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US-09-635-251-33/c
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Patent No. 6759215
GENERAL INFORMATION:
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                                                                                                                             TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
                                                                                                                                                                                            NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32957A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-0300
TELEPAX: 312/474-0448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/635,251
PILING DATE: 07-Aug-2000
CLASSIPICATION: «Unknown»
PRIOR APPLICATION DATA:
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5402 CAAAAAAGAAAAAATGAAA 5420
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Stem Cell Factor NUMBER OF SEQUENCES: 104
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                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/449,182
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 04-OCT-1991
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 16-OCT-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 16-OCT-1989
                                                           LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Chicago
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Pred. No. 5.
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GENERAL INFORMATION:
APPLICANT: ROBAINE M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF MI
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: ISPH-0591
CURRENT APPLICATION NUMBER: US/09/917,963
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 137
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                                                        8
                                                                                                                                                                                                                                                 ; NAME/KEY: misc_feature; LOCATION: ()..()
; LOCATION: ()..()
; OTHER INFORMATION: antisense oligonucleotide LB78
US-09-899-440-7
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US-09-899-440-7/c
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US-09-917-963-79
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APPLICANT: Stein, Cy
TITLE OF INVENTION: PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES
FILE REFERENCE: 0575/63180
CURRENT APPLICATION NUMBER: US/09/899,440
CURRENT FILING DATE: 2001-07-05
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.0
SEQ ID NO 7
LENGTH: 20
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Patent No. 6767739
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LENGTH: 20
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ORGANISM: Artificial Sequence
FEATURE:
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OTHER INFORMATION: Antisense Oligonucleotide
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Pred. No. 5.8e
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Pred. No. 5
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Pred. No. 5.8e+02;
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                                                                                                                            APPLICANT: WANG, ALICE M.; DOYLE, MICHAEL V.; MARK, DAVID F.
TITLE OF INVENTION: QUANTITION OF NUCLEIC ACIDS USING THE
POLYMERASE CHAIN REACTION
INVEST OF SEQUENCES: 64
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/413,623
FILING DATE: 28-SEP-1989
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 396,986
                                                                                                                                                                                                                                                                                                                    RESULT 749
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                                                                                                ; FILING DATE: 21-AUG-1989; SEQ ID NO:29:
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Best Local Similarity
Matches 16; Conserv
               Query Match 0.3%;
Best Local Similarity 84.2%;
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GENERAL INFORMATION:
Matches
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TOPOLOGY: linear
MOLECULE TYPE: DNA
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REGISTRATION NUMBER: 26,824
REFERENCE/DOCKET NUMBER: CRI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 203 268 1951
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MEDIUM TYPE: Floppy Disk
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                                                                                  LENGTH: 20
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07-APR-1994
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                 Score 14.2; DB 1;
Pred. No. 5.8e+02;
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Pred. No. 5.8e+02
 Mismatches
                                  DB 1;
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PEATURE:

OTHER INFORMATION: Oligonucleotide

NAME/KEY: misc_feature

LOCATION: (4)...(5)

OTHER INFORMATION: *=3'-methylenephosphonate linkage; M=2'-O-methyl nucleotide

NAME/KEY: misc_feature

LOCATION: (4)...(4)

LOCATION: (4)...(4)

OTHER INFORMATION: n=5-methyluridine

US-09-349-035-4
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APPLICANT: De Mesmaeker, Alain
APPLICANT: Waldner, Adrian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/09349035 Patent No. 6414135
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                                                                                                                                                                                                                                                                                              APPLICANT: Cook, Philip Dan
APPLICANT: wang, Tingmin
APPLICANT: wang, Tingmin
APPLICANT: Mancharan, Muthiah
APPLICANT: An, Haoyun
TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Monomers and Related Compounds
PILE REFERENCE: Isis-3311
CURRENT APPLICATION NUMBER: US/09/349,035
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 11
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CURRENT FILING DATE: 1996-11-12
EARLIER APPLICATION NUMBER: PCT/EP96/00156
EARLIER FILING DATE: 1995-01-17
NUMBER OF SEQ ID NOS: 3
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APPLICANT: Bevierre, Marc-Olivier
APPLICANT: Lesueur, Catherine
TITLE OF INVENTION: Modified Oligonucleotides
FILE REFERENCE: 4-19835/A/PCT
                                                                                                                                                                                                                     TYPE: DNA
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OTHER INFORMATION: n is Tb as shown on page 79 of the specification
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Pred. No.
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RESULT 753
US-08-250-740-23
IS-08-250-740-23
Sequence 23, Application US/08250740
Patent No. 5686240
GENERAL INFORMATION:
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US-08-459-434-6/c
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                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                           Query Match
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTMARBE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/459,434
FILING DATE: 02-UNM-1995
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/241,213
FILING DATE: 10-MAY-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Application US/08459434 Patent No. 5969116
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Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (908) 277-3318
TELEPAX: (908) 277-4316
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Martin,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 59 AUGUSTREET: New Jersey
                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic oligonucleotide
DESCRIPTION: comprising a modified sugar"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Nucleosides and oligonucleotides having TITLE OF INVENTION: 2'-ether groups NUMBER OF SEQUENCES: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 5969116artis Corporation
                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,134
REFERENCE/DOCKET NUMBER: 4-19552/A/DIV
                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                                                1187 GAGAGAGAGAAA 1200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1186 AGAGAGAGAGAAA 1200
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                                                                                                                                                           16 GAGAGAGAGAAA 3
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                                                                                                                                                                                                                                  0.3%; Score 14; DB 1; Length 16; 100.0%; Pred. No. 5.2e+02; tive 0; Mismatches 0; Indels
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; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-250-740-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 29, Application US/07695472B Patent No. 5773278
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.3%;
Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Schuch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DATA:
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/250,740
APPLICATION NUMBER: US/08/250,740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 27-MAY-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, LAUITA A.
REGISTRATION NUMBER: 30742
                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                      APPLICANT: Desnick, Robert J.
TITLE OF INVENTION: The Acid Sphingomyelinase Gene and
TITLE OF INVENTION: Diagnosis of Niemann-Pick Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 69
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Desnick, Robert J.
TITLE OF INVENTION: Acid Sphingomyelinase Gene and Diagnosis
TITLE OF INVENTION: of Niemann-Pick Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (212) 869-8864
                APPLICATION NUMBER: US/07/695,472B FILING DATE: 19910503
                                                                                                                                                                             COUNTRY: U
                                                                                                                                                                                                                 CITY: New York
STATE: New York
CLASSIFICATION:
                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14;
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                                                                                                                                                                                                                                                          1155 Avenue of the Americas
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                               Pennie & Edmonds
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Pred. No. 5.5e+02;
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; MOLECULE TYPE: DNA
US-07-695-472B-29
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Best Local :
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COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ for Windows 2.0

CURRENT APPLICATION DATA:
                                                                                                                                                                        APPLICATION NUMBER: US/08/460,890A FILING DATE: June 5, 1995 CLASSIFICATION: 435 1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/167,641 FILING DATE: December 14, 1993 APPLICATION NUMBER: 07/855,389 FILING DATE: MARCH 20, 1992 APPLICATION NUMBER: PCT/US93/02725 FILING DATE: MARCH 19, 1993 APTICNAMEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                        NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
[NFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: SULLING STREET: LOS Angeles STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (212) /90-7-1
TELEPHONE: (212) 7908864/9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6923-014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Misrock, S. Leslie REGISTRATION NUMBER: 18,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Woo, Savio L.C.
Smith, Louis C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 unknown
                                                                                                                      212/066
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; FEATURE:
; OTHER INFORMATION: "C" stands for 5-methylcytosine US-08-460-890A-8
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US-08-460-890A-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 756
                                                                                                                                                      IELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base ~~?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.3%; Score 14; DB 1; Best Local Similarity 100.0%; Pred. No. 5.5e+(Matches 14; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence
                                                                                                                                                                                                                                             ATTORNEY AGENT INFORMATION:
NAME: WAIDLING, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
OPERATE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
                                                                                          MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS TITLE OF INVENTION: METHODS OF USE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08 FILING DATE: June 5, 1995 CLASSIFICATION: 435
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
                                                                                                                              LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 90071-2066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1184 AAAGAGAGAGAGAG 1197
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5994109
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                                                                                                                  linear
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                                                                                            Other nucleic acid
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 0.3%; Score 14;
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                                                                                                                                                                                                                                                                                                        212/066
DB 1;
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Length 17;
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RESULT 758
US-08-167-641C-7
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US-08-460-890A-9
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GENERAL INFORMATION:
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Best Local 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/460,890A
PILING DATE: June 5, 1995
CLASSIFICATION: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
APPLICATION NUMBER: 07/855,389
APPLICATION NUMBER: PCT/US93/02725
PILING DATE: March 20, 1993
APPLICATION NUMBER: PCT/US93/02725
PILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PastESEQ for Windows 2.0
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (213) 955-0440
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STATE: California
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STREET: 633 West Fifth
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
                                                                                                                                                                                 1184 AAAGAGAGAGAGAG 1197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1187 GAGAGAGAGAAA 1200
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                                                                                                                                                                                                                      0.3%; Score 14; DB 1; Length 17; Similarity 100.0%; Pred. No. 5.5e+02; l4; Conservative 0; Migmatcher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              17 base pairs
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Smith, Louis C.
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                                                                                                                                                                                                                                                                                                 Sequence 8, Application US/08167641C Patent No. 6033884
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Best Local Similarity 100.0%;
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/167,641C
FILING DATE: December 14, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION UNMBER: 07/855,389
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
APPLICATION: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 205/012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
                           GENERAL INFORMATION:
APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
NUMBER OF SEQUENCES: 65
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs TYPE: nucleic acid
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APPLICANT: Woo, S
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
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APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TR
TITLE OF INVENTION: NUTHODS OF USE
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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      ADDRESSEE:
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100.0%; Pred. No. 5.5e+02
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US-08-167-641C-9
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Best Local Sim
Matches 14;
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APPLICANT: Woo, Sa
APPLICANT: Smith,
APPLICANT: Cristia
APPLICANT: Gottcha
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 9, Application US/08167641C Patent No. 6033884
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FILING DATE: December 14, 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: March 19, 1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                            APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TR
TITLE OF INVENTION: METHODS OF USE
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: Other nucleic acid
                                                                                                                       ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: "C" stands for 5-methylcytosine
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STATE: California
                                                                                    COUNTRY: U.S.A. ZIP: 90071-2066
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base Trypo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
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Best Local Similarity
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FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/012
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 495-1600
TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fast-SEQ for Windows 2.0
CURRENT APPLICATION DATA:
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APPLICATION NUMBER OF THE PRICE OF T
                                                                                                                                                                        CLASSITATION DATA:
PRIOR APPLICATION DATA:
08/167,641
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: December CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS TITLE OF INVENTION: METHODS OF USE
FILING UMLE: 07/855,300 APPLICATION NUMBER: 07/855,300 FILING DATE: March 20, 1992 FILING DATE: MARCH 20, 1992 PRICE DATE: PCT/US93/02725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                               APPLICATION NUMBER: FILING DATE: December
                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08 FILING DATE: June 5, 1995
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1184 AAAGAGAGAGAGAG 1197
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                                                                                                         December 14, 1993
UMBER: 07/855,389
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        December 14, 1993
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US-08-460-971A-8/C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                     OPERATING SYSTEM: IBM P.C. DOS 5.0
OPERATING SYSTEM: IBM P.C. DOS 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,971A
FILING DATE: US/08/460,971A
FILING DATE: US/08/460,971A
FILING DATE: US/08/460,971A
APPLICATION: 435
PRIOR APPLICATION DATA:
1995
APPLICATION NUMBER: 07/855,389
APPLICATION NUMBER: 07/855,389
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: 32,327
REGISTRATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                equence 8, Application US/08460971A atent No. 6150168
TELEFAX: (213) 955-044
TELEX: 67-3510
NFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TI
TITLE OF INVENTION: METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/063
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: March 19, 1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   y Match 0.3%; Score 14; DB 1; Length 17;
Local Similarity 100.0%; Pred. No. 5.5e+02;
hes 14; Conservative 0; Mismatches 0: Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Con
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
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Los Angeles
: California
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       IBM Compatible
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US-08-460-971A-9
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; MOLECULE TYPE: cDNA
US-08-460-971A-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.3%; Score 14; DB Best Local Similarity 100.0%; Pred. No. 5.: Matches 14; Conservative 0; Mismatches
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Patent No. 6150168
                                                                                                                                                                                                                                                                                             ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASCSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,971A
FILING DATE: June 5, 1995
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/1855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAMB: Warthurg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
                                                                                                                                                               TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDERNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                               REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TRILEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Pifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Woo, Savio L.C.
APPLICANT: Smith, Louis C.
APPLICANT: Cristiano, Richard J.
APPLICANT: Gottchalk, Stephen
TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
TITLE OF INVENTION: METHODS OF USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: "C" stands for 5-methylcytosine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
                                                TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1187 GAGAGAGAGAGAAA 1200
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US-08-462-040-7
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Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/462,040
FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: MARCH 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                             TELEX: 67-3510 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fast-SEQ for Windows 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND TITLE OF INVENTION: METHODS OF USE NUMBER OF SEQUENCES: 65
                                                                                                                                                                           MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
STREET: 63
STREET: Su
                                                                                         Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       / Match 0.3%; Score 14; DB 1; Length 17; Local Similarity 100.0%; Pred. No. 5.5e+02; ndels 14; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                           STRANDEDNESS: doi TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                    TELEFAX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1184 AAAGAGAGAGAGAG 1197
                                    1184 AAAGAGAGAGAGAG 1197
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5. 6177554
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                                                                                             Similarity
                                                                                                                                                                                                                                nucleic acid
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633 West Fifth
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Smith, Louis C.
Cristiano, Richard J.
Gottchalk, Stephen
                                                                                                                                                                                                                                                                                                                                    (213) 955-0440
                                                                         0.3%; Score 14; DB 1; Length 17; larity 100.0%; Pred. No. 5.5e+02; Conservative 0; Mismatches 0; Indels
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RESULT 765

US-08-462-040-9

Application US/08462040

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Sequence 9, Patent No.

GENERAL INFORMATION:
APPLICANT: WOO, S

APPLICANT:

Woo, Savio L.C. Smith, Louis C. Cristiano, Richard J. Gottchalk, Stephen

APPLICANT:

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                                                                                Matches
                                                                                                 Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PASTEM: IBM P.C. DOS 5.0
SOFTWARE: PASTEM: PATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US/08/462,040
FILING DATE: June 5, 1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UMBER: 08/167,641
FILING DATE: December 14, 1993
APPLICATION NUMBER: 07/855,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
FILING DATE: March 19, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                       TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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APPLICANT: 1
APPLICANT: 1
APPLICANT: 1
                                                                                                                                                                                MOLECULE TYPE: Other nucleic acid
FEATURE:
OTHER INFORMATION: "C" stands for 5-methylcytosine
                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                           LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 21:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
                                        1187 GAGAGAGAGAAA 1200
14 GAGAGAGAGAAA 1
                                                                                                   Similarity
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Gottchalk, Stephen
IVENTION: NUCLEIC ACID TRANSPORTER SYSTEMS AND
IVENTION: METHODS OF USE
                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Savio L.C.
h, Louis C.
                                                                                                   0.3%; Score 14; DB 1; I
100.0%; Pred. No. 5.5e+02;
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                                                                              0;
                                                                                  Mismatches
                                                                                                                      Length 17
                                                                                0,
                                                                                  Gaps
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RESULT 767
US-09-106-375-29
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                                                                                                                                                                                                                                                                                             Sequence 29, Applicat:
Patent No. 6541218
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.3%; Score 14; DB 1; 1
Best Local Similarity 100.0%; Pred. No. 5.5e+02
Matches 14; Conservative 0; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: FASTSEO for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,040
FILING DATE: June 5, 1995
CLASSIFICATION LOTA:
APPLICATION NUMBER: 08/167,641
APPLICATION NUMBER: 08/167,641
APPLICATION NUMBER: 07/853,389
APPLICATION NUMBER: 07/853,389
FILING DATE: March 20, 1992
APPLICATION NUMBER: PCT/US93/02725
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER: 32,327
REFERENCE/DOCKST NUMBER: 27
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
                                                                                                                                              CORRESPONDENCE ADDRESS ADDRESSES: Pennie &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 633 West F1:
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (213) 955-0440
                                           COUNTRY: U
                                                                                 CITY: New York
STATE: New York
                                                                                                                                                                                                       PLICANT: Desnick, Robert J.

TLE OF INVENTION: The Acid Sphingomyelinase Gene and TLE OF INVENTION: Diagnosis of Niemann-Pick Disease
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
                                                                                                                               STREET:
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                                                                                                                                                                                                                                                                                                                                         Application US/09106375
                                                                                                                             B: Pennie & Edmonds
1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  633 West Fifth Street
                                                             U.S.A.
                                                                                                                                                                                                                                                                              Schuchman, Edward H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUCLEIC ACID TRANSPORTER SYSTEMS AND METHODS OF USE
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GENERAL INFURFACE
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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Best Local Similarity 100.0%;
""" hohes 14; Conservative
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                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 66141 PENNIE INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/0
FILING DATE: 03-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 69:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEPHAX: (212) 7908864/9741
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: ** PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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                                                                                        APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00668
                   FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
                                                                                                                                                             APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      620 ACTCCAGGAGCTCT 633
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SYSTEM: PC-DOS/MS-DOS
Application data removed - See File Wrapper or PALM
                                                                                                                                                                                                            2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.3%; Score 14; DB 1;
100.0%; Pred. No. 5.5e+02
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                                S
                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6768
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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                                                                                                                                                                                                             Patent No. 6686
SEQ ID NO 6768
LENGTH: 17
                                                                         Best Loc
Matches
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SEQ ID NO 6764
                                                                                         Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                        Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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atent No. 6686188
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30
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                                3035 ТССТССАСАСССТС 3048
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                                                                                                                                                                                                                                                      6686188
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                                                                           Conservative
                                                                                                                                                                                                                                                                      Sequence Listing Engine
                                                                   0.3; Pr
100.0%; Pr
                                                                                           Score 14; DB 1; L; Pred. No. 5.5e+02;
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Pred. No. 5.5e+(
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                                                                           Mismatches
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                                                                                                             Length 17;
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US-08-373-124A-2239
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Patent No. 5441883
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2239, Application US/08373124A Patent No. 5646042
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APPLICANT: Stinch
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                TITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION: OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/O
FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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APPLICANT: Zhou, Qun-yong
TITLE OF INVENTION: A No. 5441883el Adenosine Receptor and Uses
                                                                                                                                                                                                                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION: TELEPHONE: 312-715-1000
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CORRESPONDENCE ADDRESS:
                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                         STREET: 633 WEBL E. STREET: Suite 4700
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STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 312-715-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: McDonnell, Joh
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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Los Angeles
California
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10 South Wacker Drive, Suite 3000
                                                                                                 3: Lyon & Lyon
633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                    McSwiggen, James
Jarvis, Thale
                                                                                                                                                                                                                                                                                                                                                                                                       Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                   METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND CANCER USING RIBOZYMES
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100.0%; Pred. No. 5.
1ve 0; Mismatches
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hes 0;
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: etcrage
COMPUTER: IBM Compatible

IBM Compatible

COUNTRY: U.S.A. ZIP: 90071

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US-08-435-628-2239
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Best Local Similarity 78.6%; Pred. No. 5.7e+02;
Matches 11; Conservative 3; Mismatches 0; Indels
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APPLICATION UNMER: US/08/373,124A
FILING DATE: ADPLICATION DATA:
APPLICATION UNMER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 07/986,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPAX: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                    APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
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CURRENT APPLICATION DATA:
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STREET: Suite 4700
CITY: Los Angeles
STATE: California
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                       COUNTRY: U.S.A. ZIP: 90071
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Draper, Kenneth
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/882,046
FILING DATB: 25-JUN-1997
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: 9-UW 2637
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6136952
GENERAL INFORMATION:
APPLICANT: Li, Linheng
APPLICANT: Hood, Leroy
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
PILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
PILING DATE: May 18, 1994
APPLICATION NUMBER: 08/102,943
APPLICATION NUMBER: 08/102,943
                                                                                                                                                                                                                                                                                                                               STREET: 43. STREET: SAN DIEGO
CTATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Krantz, Ian D.
APPLICANT: Spinner, Nancy B.
APPLICANT: Spinner, Nancy B.
TITLE OF INVENTION: Human Jagged Polypeptide, Encoding
TITLE OF INVENTION: Nucleic Acids and Methods of Use
NUMBER OF SEQUENCES: 110
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 07/936,422
PILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
PROFESSOR JONEY NUMBER: 32,327
                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 92122
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APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/435,628
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
                                                                                                                                                                                                                                                                                                                                                                                              B: Campbell & Flores LLP
4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/08882046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%; Score 14; DB 1; 78.6%; Pred. No. 5.7e+0 ative 3; Mismatches
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. 5.7e+02;
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-187-289-4
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US-09-213-719-44
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                                                                                                         SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Walt, David R.
APPLICANT: Healey, Brian G.
APPLICANT: Healey, Brian G.
TITLE OF INVENTION: Fiber Optic Biosensor for Selectively Detecting
TITLE OF INVENTION: Oligonucleotide Species in a Mixed Fluid Sample
FILE REFERENCE: A67210-1/RMS/DCF
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SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09187289 Patent No. 6482593
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Best Local (
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                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 08/851,203
PRIOR FILING DATE: 1997-05-05
NUMBER OF SEQ ID NOS: 17
SOPTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/187,289
CURRENT FILING DATE: 1998-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/213,719B CURRENT FILING DATE: 1998-12-17
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 100.0%; P
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 Score 14;
Pred. No.
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 DB 1;
5.7e+02;
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                 Length 18;
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US-08-938-669A-22
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                                                                                                                                                                                                                                                                                                                                                                                              RESULT 777
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                                                                                                                                                                                                                                        Sequence 22, Application US/08938669A Patent No. 6171788 GENERAL INFORMATION:
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Patent No. 6703198
GENERAL INFORMATION:
APPLICANT: Li,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local Similarity
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TELEPHONE: (858) 535-9001
TELEPAX: (858) 535-8949
INFORMATION FOR SEQ ID NO: 97:
APPLICANT: Nguyen, Thai D.
APPLICANT: Polansky, Jon R.
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS,
TITLE OF INVENTION: PROGNOSIS AND TREATMENT OF GLAUCOMA AND
TITLE OF INVENTION: RELATED DISEASES
NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/882,046
APPLICATION NUMBER: US 08/882,046
APPLICATION NUMBER: US 08/882,046
APPLICATION NUMBER: DS 08/882,046
APPLICATION NUMB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4467 TACTCTGATCCCTC 4480
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
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CORRESPONDENCE ADDRESS:
COMPRESE: Compbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3319 AACCTGGATGACGTTG 3334
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TITLE OF INVENTION: Methods of Diagnosing Alagille Syndrome
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FILING DATE: 05-May-2000
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: California COUNTRY: USA
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100.0%; Pred. No. 5.7e+02;
ative 0; Mismatches 0;
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; ORGANISM: Homo sapiens
US-09-031-962D-10
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SEQ ID NO 10
LENGTH: 19
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Best Local Similarity 100.0%; F
                                                                             Query Match
Best Local Similarity
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                                                                 Matches
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                                                                                                                                                                                                                             FILE REPERENCE: WFU98-18
CURRENT APPLICATION NUMBER: US/09/031,962D
CURRENT FILING DATE: 1998-02-27
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                             APPLICANT: Thomas C. Hart
APPLICANT: Jennifer A. Price
TITLE OF INVENTION: Methods and Compositions for Enhancing
TITLE OF INVENTION: Osseous Growth, Repair, and Regeneration
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: PastSEQ for Wil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 20004-2402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE:
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                      5029 CCATCTGGAGCTGG 5042
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                                                                 14;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            nucleic acid
                                                                                                                                                                                                                FastSEQ for Windows Version 3.0
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CCATCTGGAGCTGG 15
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1299 Pennsylvania Avenue, N.W.
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                                                                 Conservative
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                                                             0.3%; Score 14;
100.0%; Pred. No.
ative 0; Mismatcl
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                                                                 Mismatches
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                                                                               DB 1; Length 19, 6e+02;
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US-09-306-828-22.,
Sequence 22, Application US/09306828

Patent No. 6475724

GENERAL INFORMATION:
APPLICANT: Nguyen, Thai D.
APPLICANT: Polansky, Jon R.
APPLICANT: Chen, Pu
APPLICANT: Chen, Hua
TITLE OF INVENTION: Nucleic Acids, Kits, And
CURRENT APPLICATION NUMBER: US/09/306,828
CURRENT APPLICATION NUMBER: US/09/306,828
CURRENT APPLICATION NUMBER: US 09/227,881
BARLIER APPLICATION NUMBER: US 09/227,881
BARLIER FILING DATE: 1999-01-11
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Microsoft Word 97
SEQ ID NO 22
LENGTH: 19
TYDE: PAN
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                                                                                                                                                                                                                                                                                                                                                                                             ; FEATURE: ; OTHER INFORMATION: Cdc25 hs ribozyme binding site US-09-696-791-3781
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US-09-696-791-3781/c
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; ORGANISM: Homo sapiens
US-09-306-828-22
                                                                                                                                                                   US-08-343-281A-9
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                                                                                                                                                                                       RESULT 781
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3781
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 3781, Application US/09696791 Patent No. 6770633 GENERAL INFORMATION:
                                                                                                                            Sequence 9, Application US/08343281A Patent No. 5798265
                                                                                                                                                                                                                                                                                                                   Query Match 0.3%;
Best Local Similarity 100.0%;
Matches 14; Conservative (
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Best Local S
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                                                GENERAL INFORMATION:
APPLICANT: Springer, Wolfgang; Baumgarten, Jorg;
APPLICANT: Kretschmer, Axel; Kolbl, Helnz;
APPLICANT: Lobberding, Antonius; Strube, Walter;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
APPLICANT: Thein, Peter TITLE OF INVENTION: PSE TITLE OF INVENTION: POL
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100.0%; Pr
PSEUDORABIES VIRUS (PRV)
POLYNUCLEOTIDES AND THEIR
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Pred. No.
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. 6e+02;
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RESULT 782
US-08-313-185-13
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Best Local Similarity 100.0%;
Matches 14; Conservative
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                                                                                                                                                                                                                                                                                                                                                      Sequence 13,
                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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APPLICATION NUMBER: 08/029,20

FILING DATE: 10-MAR-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: DE 420810

FILING DATE: 13-MAR-1992

ATTORNEY,AGENT INFORMATION:

NAME: Kurt G. Briscoe

REGISTRATION NUMBER: 33,141

REFERENCE/DOCKET NUMBER: Baye

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/3
FILING DATE: 22-NOV-1994
CLASSIFICATION: 435
                                                                                                                      APPLICANT: Young, Douglas
APPLICANT: Zhang, Ying
APPLICANT: Honore, Naddine
APPLICANT: Felenti, Amalio
APPLICANT: Bodmer, Thomas
TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
TITLE OF INVENTION: in Mycobacterium Tuberculosis
NUMBER OF SEQUENCES: 66
STREET: 1300
CITY: Washington
TATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: synthetic or biological DNA or RNA
                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                              APPLICANT:
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TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Diskette, 3.5 inch, 720 MEDIUM TYPE: storage COMPUTER: Sharp PC-4600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Tarrytown
                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX:
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                                                  1300 I Street, N.W
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660 White Plains Road
                                                                                                                                                                                                                                                                            Heym, Beate
Cole, Stewart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (914) 332-1844
                                                                                     Finnegan, Henderson, Farabow, Garrett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USE FOR PREPARING VIRUS-
RESISTANT EUKARYOTIC CELLS
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Pred. No. 6.3e+02;
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INFORMATION FOR SEQ ID NO: 13
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 58,
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                              APPLICATION NUMBER: US
FILING DATE: 06-MAY-15
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 22-FEB-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/864,962
PILING DATE: 09-APR-1992
PILING DATE: 09-APR-1992
                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Rel-ease #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: GOLDSTEIN JOYCE A.
APPLICANT: ROMKES-SPARKS, MAZJOZIE
APPLICANT: DE MORALS, SODIA M.F.
TITLE OF INVENTION: CLONING, EXPRESSION AND DIAGNOSIS OF HUMAN
TITLE OF INVENTION: CYTOCHROME P450 2C19: THE PRINCIPAL DETERN
TITLE OF INVENTION: MEPHENYTOIN METABOLISM
NUMBER OF SEQUENCES: 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 02:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA: APPLICATION NUMBER: US,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 20005-3315
COMPUTER READABLE FORM:
ATTORNEY/AGENT INFORMATION: NAME: Liebeschuetz, Joe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, 8th Floor CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
ZIP: 200
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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TOPOLOGY: linear
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                                                                                                              22-FEB-1994
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100.0%; Pred. No. 6.
ative 0; Mismatches
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Best Local Similarity 100.
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GENERAL INFORMATION:
                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/082,614A FILING DATE: CLASSIFICATION: PRIOR APPLICATION DATA: APPLICATION UMBER: US 08/313,185 FILING DATE: 12-OCT-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (650) 326-24
INFORMATION FOR SEQ ID NO:
                                                                                 TELEFAX: (202) 408-4400
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Honore, Nadine
APPLICANT: Telenti, Amalio
APPLICANT: Bodmer, Thomas
TITLE OP INVENTION: Rapid Detection of Antibiotic Resistance
TITLE OP INVENTION: in Mycobacterium Tuberculosis
NUMBER OP SEQUENCES: 66
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                                                                                                                                   REGISTRATION NUMBER: 25,146
REFERENCE/DOCKET NUMBER: 022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 408-4000
                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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                            TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Finnegan, Henderson, ADDRESSEE: Dunner STREET: 1300 I Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single
               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
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                                                                                                                                                                                                     NAME: Meyers, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER:
                                                                 ENGTH:
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                                              nucleic acid
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Zhang, Ying
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Cole, Stewart
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DNA (genomic)
                              single
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US-09-418-641-82/c
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LENGTH: 20
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GENERAL INFORMATION:
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Best Local
                                                                                                 COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/021,701
FILING DATE: 10-FEB-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6251588
GENERAL INFORMATION:
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CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Chol, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 1097
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION FILE REFERENCE: RTS-0105
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
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nes 14; Conserv
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                                                                                                                                                                                                                                                                                                            B: Records Manager, Legal Department, Hewlett-Packard Company M/S
3000 Hanover Street
                                                                                                                                                                                                                                                                                                                                                                                                         Webb, Peter G.
Kincaid, Robert H.
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Webb, Peter G.
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100.0%; Pred. No. 6.3e+02;
tive 0; Mismatches 0;
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100.0%; Pred. No. 6.3e+02;
ive 0; Mismatches 0;
                   10971464-1
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RESULT 787
US-09-021-701-557/c
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Best Local Similarity
Matches 14; Conserv
   Matches
                               Query Match
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INFORMATION FOR SEQ ID NO:
                                                                   TOPOLAGE. CUM
MOLECULE TYPE: CUM
HYPOTHETICAL: NO
HYPOTHETICAL: NO
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                          CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10
                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 650-236-2386
                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Methods for evaluating oligonucleotide TITLE OF INVENTION: probe sequences NUMBER OF SEQUENCES: 1165
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/ Match 100.0%; P Local Similarity 100.0%; P
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                         TOPOLOGY: linear
                                                                                                                                      STRANDEDNESS:
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                                                                                                                                               1: 20 base pairs
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3000 Hanover Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Webb, Peter G.
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100.0%; Pr
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                 0.3%; Score 14;
100.0%; Pred. No.
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                                                                                                                                                                                                                                                               10971464-1
 Mismatches
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                               DB 1; Length 20;
                 6.3e+02;
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   Gaps
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US-09-198-452A-5228/c
; Sequence 5228, Application US/09198452A
; Patent NO. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis,
                                                                                                                                                                                문
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; Sequence 88, Application US/09658688A
; Patent No. 6498035
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                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-09-658-688A-88
                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILLING DATE: RTS-0143; CURRENT APPLICATION NUMBER: US/09/658,688A; CURRENT FILLING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 88
LENGTH: 20
Type: *****
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                                                                                                                           RESULT 790
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APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-2 EXPRESSION
FILE REFERENCE: RTS-0096
                                                                                                                                                                                                                                                 Best Loc
Matches
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SEQ ID NO 57
LENGTH: 20
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Patent No. 6271029
                                                                                                                                                                                                                                                                                   Query Match
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Donna T. Ward
APPLICANT: William Gaarde
APPLICANT: Brett P. Monia
APPLICANT: Jacqueline Wyatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/428,583
CURRENT FILING DATE: 1999-10-27
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                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                1518 GCAGGGGGCTGCTG 1531
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14; Conservative
                                                                                                                                                                                16 GCAGGGGGCTGCTG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 CTGGAAAACCCCAG 14
                                                                                                                                                                                                                                                                   Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/09428583
                                                                                                                                                                                                                                               0.3%; Score 14; DB 1; Liarity 100.0%; Pred. No. 6.3e+02; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.3%; Score 14;
100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTISENSE MODULATION OF MEKK3 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
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6.3e+02;
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                     fragments
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CURRENT FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: PCT/JP96/02427
PRIOR FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 74
SOPTWARE: PatentIn Ver. 2.1
SOPTWARE: PatentIn Ver. 2.1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5228
                                                                                                                                                                                                                                                                                                                                                                               RESULT 792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          j OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-033-936-11
                    SEQ ID NO 14
LENGTH: 20
TYPE: DNA
                                                                                                                            Sequence 14, Application US/10199024
Patent No. 6706523
GENERAL INFORMATION:
APPLICANT: Zhen, Fang Fu
TITLE OF INVENTION: Attenuated Rabies Virus with Nucleoprotein Mutation at the
TITLE OF INVENTION: Phosphorylation Site for Vaccination Against Rabies and
TITLE OF INVENTION: Gene Therapy in the CNS
FILE REPERENCE: 033304-001
CURRENT APPLICATION NUMBER: US/10/199,024
CURRENT FILING DATE: 2002-07-22
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SEQ ID NO 5228
LENGTH: 20
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Best Local Similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: TOMIZUKA, KAZUMA
APPLICANT: YOSHIDA, HITOSHI
APPLICANT: HANAOKA, KAZUNORI
APPLICANT: OSHIMUWA, MITSUO
APPLICANT: ISHIDA, ISAO
TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
FILE REFERENCE: 081356/0114
CURRENT APPLICATION NUMBER: US/09/033,936
CURRENT FILING DATE: 1998-03-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/198,452A CURRENT FILING DATE: 1998-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 9710-003-999
                                                                                     NUMBER OF SEQ ID NOS: 64
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity 100.0%;
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; Pred. No. 6.3e+02;
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PCT-US95-05744-58/c
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US-09-794-422-32/c
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LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Brown,
APPLICANT: De Wet,
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/794,422
CURRENT FILING DATE: 2001-02-27
PRIOR APPLICATION NUMBER: 60/185,617
PRIOR FILING DATE: 2000-02-29
PRIOR FILING DATE: 2000-02-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/2
PRIOR FILING DATE: 2000-09-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: De Wet, Jeffrey R. APPLICANT: Gowen, Lori C. APPLICANT: Hames, Lynn M. TITLE OF INVENTION: Mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Mus musculus
                                                                                                                                                                                                                                         APPLICANT: GOLDSTEIN, Joyce A.
APPLICANT: ROMKES-SPARKS, Marjorie
APPLICANT: DE MORAIS, Sonia M.F.
TITLE OF INVENTION: CLONING, EXCRESSION AND DIAGNOSIS OF HUMAN
TITLE OF INVENTION: CYTOCHROME P450 2C19: THE PRINCIPAL DETERMINANT
TITLE OF INVENTION: OF S-MEPHYNYTOIN METABOLISM
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
           COMPUTER READABLE FORM:
MEDLIM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/05744
                                                                                                                                                                          STRIET: 379 Lytton Avenue
STRIET: 379 Lytton Avenue
STRIET: Californ'
                                                                                                                                             COUNTRY: 1
ZIP: 9430:
FILING DATE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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, 100.0%; Pre
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Pred. No.
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6.3e+02;
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US-08-469-177-7/c
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Best Local Similarity 100.0%; P
                                                                                                                                                                                          COUNTRY: United States of America
ZIP: 94086
ZIP: 94086
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NOMBER: US/08/469,177
FILING DATE: 06-UNM-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: MAGDA, I
APPLICANT: SESSLER
APPLICANT: IVERSON
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/864
FILING DATE: 09-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REGISTRATION NUMBER: 1528
TELEFAX: (408) 774-0340
[INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 15
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
INFORMATION FOR SEQ ID NO: 58:
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PILING DATE: 06-MAX-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/201,118
                                                                                             NAME: Larson, Jacqueline S.
REGISTRATION NUMBER: 30,279
REFERENCE/DOCKET NUMBER: PH
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Sunnyvale
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 base pairs
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                                                                               TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    995 East Arques Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SESSLER, Jonathan L. IVERSON, Brent L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WRIGHT, Meredith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SANSOM,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MAGDA, Darren
                                                                               (408) 774-3363
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pharmacyclics, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                UMBER: US 07/864,962
09-APR-1992
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                                                                                                                     PHAY: 057
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "RNA"
US-08-469-177-7
                                                 ;
TOPOLOGY:
US-08-373-124A-184
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Best Local Similarity
Matches 15; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-373-124A-184/c
                                                                                                                                                                                  APPLICATION UNMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/03:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1876-0440
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 184, Application US/08373124A
                                                                                                                                                  TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
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APPLICANT:
                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: January PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Anno.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: Februa APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
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                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                          NUMBER: 1994
: May 18, 1994
'TIMBER: 08/192,943
                                                                                                                                                                                                                                                                                                                                                        February 7, 1994
JMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                             January 13, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2627
                                                                                                                                                                                                                                                                                                                                                                                                                            08/245,466
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                                                                                                                                                                                                                                         209/035
 Score 13.8; DB 1;
Pred. No. 5.9e+02;
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               Length 17;
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RESULT 798
US-08-200-232-5/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1
MEDIUM TYPE: storage
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DO
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDENNESS; single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Stinch
                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/373,124A FILING DATE: January 13, 1995 PRIOR APPLICATION DATA: 08/245,466
                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
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                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Warburg, Richard REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Los Angeles
STATE: California
                                                                                                                                                               Local
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                                                                                                           5399 ATACAAAAAAGAAAAAA 5415
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                                                                                                                                              15; Conservative
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                                                                                                                                                             h 0.3%;
Similarity 88.2%;
                                                                         ATATAAAAAAAAAA 1
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                                                                                                                                                             Score 13.8; DB 1; Length 17; Pred. No. 5.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                   209/035
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RESULT 799
US-08-758-306-37
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 5, Application US/08200232
                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 37,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 404/688-077
TELEPAX: 404/688-9880
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
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TITLE OF INVENTION: TRE
TITLE OF INVENTION: ASS
TITLE OF INVENTION: INT
TITLE OF INVENTION: GAN
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/200,232
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Spratt, Gwendolyn D.
REGISTRATION NUMBER: 36,016
REFERENCE/DOCKET NUMBER: 2200.023
TELECOMMUNICATION INFORMATION:
TELEPHONE: 404/688-0770
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                              STREET: 633 mean STREET: Suite 4700 CITY: Los Angeles STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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APPLICANT: Blaser, Martin J.
TITLE OF INVENTION: VACUOLATING
TITLE OF INVENTION: AND RELATED
                                                                                                                                                                                                                                                                                                                               APPLICANT: Stinchcomb
APPLICANT: McSwiggen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA (genomic)
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CITY: Atlanta
STATE: Georgia
                                                                          STATE: C
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 30303
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                                                                                                                                                                            ADDRESSEE:
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                                                          90071-2066
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127 Peachtree Street, Suite 1200
                                                                                                                                                       3: Lyon & Lyon
633 West Fifth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                   Stinchcomb, Dan T.
                                                                                                                                                                                                                                    INTERLEUKIN-2 RECEPTOR GAMMA-CHAIN EXPRESSION
                                                                                                                                                                                                                                                                         METHOD AND REAGENT FOR THE TREATMENT OF DISEASES ASSOCIATED WITH
                                                                                                                                                                                                                    1379
                                                                                                                                                         Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                        1.44
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US-08-758-306-87
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Patent No. 5807743
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APPLICANT: Stinch
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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FILING DATE: December
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
                                                                                                                                                                                             OPERATING SYSTEM: IBM P.C. DO:
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                   APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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TELERAX: (213) 955-0440
TELEX: 67-3510
TELEX: 67-3510
TELEX: 67-3510
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Local Similarity 58.8%;
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                            CITY: Los Angeles
STATE: California
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STRANDEDNESS: single
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SOFTWARE: FastSe
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December 3, 1996
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      212/132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.8; DB 1;
Pred. No. 5.9e+02;
                                                                                                                                                                                                                                         DOS 5.0
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 184:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 633 West Fifth Street STREET: Suite 4700 CITY: Los Angeles STATE: California COUNTRY: U.S A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT:
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TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOPTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                   FILING DATE: August 26, 1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                    REFERENCE/DOCKET NUMBER:
                                                                                                                  NAME: Warburg, Richard
REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 05-MAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
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o. 5817796
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2627
                                                                                                                                                                                                                                                                                                                                                                                       US/08/435,628
                                                                                                                  32,327
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                                                                                                      209/035
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Pred. No. 5.9e+02;
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TOPOLOGY: linear
US-08-435-628-184
US-08-435-628-2149
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APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
APPLICATION NUMBER: 07/986,422
FILING DATE: August 26, 1992
APPLICATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
                                                                             TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TITLE OF INVENTION: CRNCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
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                                                                                                                                             TELEPHONE: (213) 489-1600
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
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SOFTWARE: Word Pe
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Local Similarity 88.2%;
tes 15; Conservative
                                                                                                                 TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/01 FILING DATE: 05-MAY-1995
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                 STRANDEDNESS:
TOPOLOGY: 11
                                              TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                              ENGTH:
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633 West Fifth Street
Suite 4700
                                                               17 base pairs
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Jarvis, Thale
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               linear
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Pred. No. 5.9e+02;
0; Mismatches 2
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                                                              Query Match 0.3%;
Best Local Similarity 64.7%;
Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM F.C. DOS 5
SOFTMARE: WOR'D PETFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,04
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA: 60/005,974
APPLICATION UNMBER: 60/005,974
APPLICATION INFORMATION:
APPLICATION TO STORY APPLICATION
WASTE STORY APPLICATION:
                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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TITLE OF INVENTION: MI
TITLE OF INVENTION: TITLE OF INVENTION: CO
TITLE OF INVENTION: OI
TITLE OF INVENTION: GI
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MEDIUM TYPE: 3.5" Did
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                        NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 90071-2066
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STATE: California
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                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                    TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                   ENGTH:
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                     3805 AAGAACTTGTACCGAGT 3821
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AAGAACUUUUACCGAAU 17
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                                                                                                                                                                                                   17 base pairs
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Stinchcomb, Dan T.
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                                                                                                                                                     linear
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METHOD AND REAGENT FOR THE

TREATMENT OF DISEASES OR

CONDITIONS RELATED TO LEVELS

OF VASCULAR ENDOTHELIAL

GROWTH FACTOR
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                                                            4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                 Score 13.8; DB 1;
Pred. No. 5.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 13.8; DB 1;
Pred. No. 5.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1;
                                                                                                 DB 1;
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                                                                                               Length 17;
                                                                 Indels
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RESULT 804 US-08-584-040-2550/c ; Sequence 2550, Application US/08584040

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APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Loc
Matches
                                                                                                                                                                                                                      Patent No. 6346398
GENERAL INFORMATION:
                                                                                                                                                                                                                                                            Sequence 4024, Application US/08584040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA: 60/005,974
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION: APPLICANT: Pavco,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 218
TELECOMMUNICATION INFORMATION:
TELECHONE: (213) 489-1600
TELERAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
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CITY: L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local
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                                                                                                                                                                                                                                                                                                                                                                                               5393 AAAAAAATACAAAAAAG 5409
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: California
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.3%; Score 13.8; DB 1; Length 17; ilarity 88.2%; Pred. No. 5.9e+02; Conservative 0; Mismatches 2; Indels
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Stinchcomb, Dan T.
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                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local Similarity 76.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
organization
                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005
APPLICATION NUMBER: 60.005
PILING DATE: October 26, 1
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,32
                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
APPLICANT:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                          TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                      NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                              STREET: 633 West ru
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: FILING DATE: Januar CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
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STATE: California
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                     COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                   CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
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REFERENCE/DOCKET NUMBER: 218/064
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      188 GTGAGCGTTGCCCACAC 204
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633 West Fifth Street
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Stinchcomb, Dan T.
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                                                                                                                                                                                                                        edo, Jaime

11 METHOD AND REAGENT FOR THE

12 TREATMENT OF DISEASES OR

13 CONDITIONS RELATED TO LEVELS

14 OF VASCULAR ENDOTHELIAL

15 GROWTH FACTOR
                                                                                                                                                                                                          8502
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Pred. No. 5.9e+02;
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                                       1.44 Mb
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US-08-584-040-7627
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COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: EBM COMPATION

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION DATA:

APPLICATION NUMBER: 60/005,974

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 32,327

REGISTRATION NUMBER: 32,327
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ESCODED, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
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APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584
FILING DATE: January 11, 1996
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600 TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                     CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE:
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1 CAGCAGCUCAAGUGUCA 17
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Similarity 70.6%;
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Stinchcomb, Dan T.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2; Indels
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RESULT 808
US-08-584-040-7819/c
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
08-584-00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent No.
                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 60/005,974
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
PRIOR APPLICATION NUMBER: 63,1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEZAX: (213) 955-0440
                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
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TITLE OF INVENTION: M
TITLE OF INVENTION: T
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TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
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            LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
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Stinchcomb, Dan T.
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linear
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    Mismatches

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Pred. No. 5.9e+02;
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US-08-584-040-7910/c
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RESULT 810
US-08-584-040-7911/c
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                                                                                                                                                                                                  US-08-584-040-7910
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base --
Type
                                                                                                                                 Matches
                                                                                                                                                 Query Match
Best Local (
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
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APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaine
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                            REPERENCE/DOCKET NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
STREET: 63
STREET: Su
                                                                                                                                                                                                             STRANDEDNESS: 811
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
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STATE: California
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                                                                                                                                                 Similarity
                                                                                                                                                                                                                              nucleic acid
DEDNESS: single
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633 West Fifth
                                                                                                                                 Conservative
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                                                                                                                                               0.3%;
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Pred. No. 5.9e
0; Mismatches
                                                                                                                                Score 13.8; Di
Pred. No. 5.9e
0; Mismatches
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                                                                                                                                                 5.9e+02
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                                                                                                                                                                Length 17;
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US-08-584-040-8061
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                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 8061, Application US/08584040 Patent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 15; Conserv
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FILING DATE: January 11, 1996
CCLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/ACENT INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, Jame
APPLICANT: Scinchcomb, Dan
APPLICANT: Combine Combine
TITLE OF INVENTION: CF VAS
TITLE OF INVENTION: GROWTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPAX: (213) 955-04
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND
TITLE OF INVENTION: CONDITIONS
TITLE OF INVENTION: CONDITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
MEDIUM TYPE: Storage
COMPUTER: ICOMPATIBLE
COMPUTER: THE DESTRUCTION OF THE DESTRUCT
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REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 216
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: IBM P.C. SOPTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        17 TGGCCTCAGAAGCCAAG 1
                                                                                                                                                                                                        McSwiggen, James
Stinchcomb, Dan T.
Escobedo, Jaime
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                      METHOD AND REAGENT FOR TI
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LE'
OF VASCULAR ENDOTHELIAL
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8502
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Pred. No. 5.9e+02
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RESULT 812
US-08-679-645-884/c
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Best Local Similarity 47.1%;
Matches 8; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                             APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITO
TITLE OF INVENTION: IN PLANTS
TITLE OF INVENTION: IN PLANTS
                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDWESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: 1BM Compatible
OPERATING SYSTEM: 1BM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                              NUMBER OF SEQUENCES:
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                                                               ADDRESSEB: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Lyon & 1
STREET: 633 West F:
STREET: Suite 4700
               CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5306 GCTCTTTTAGAATTTGT 5322
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90071-2066
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                             Edington, Brent B. McSwiggen, James A.
                                                                                                                                                                                                                                                                                            Guo, Lining
                                                                                                                                                                                                                                                                                                             Merlo,
                                                                                                                                                                                                                                                                                                                                                                   Zwick, Michael G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                               Patricia Ann Owens
                                                                                                                                                                                                                                                                           Thomas A.
                                                                                                                                                             COMPOSITION AND METHODS FOR MODULATION OF GENE EXPRESSION IN PLANTS
                                                                                                                                              1263
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 13.8; DB 1;
Pred. No. 5.9e+02;
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RESULT 813
US-08-679-645-885/c
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Patent No. 639
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Best Local Similarity 88.2%; Pred. No. 5.9e+02
Matches 15; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELEPAX: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                    TITLE OF INVENTION: OF TITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
OPERATING SYSTEM: IBM P.C. SOPTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
                                                                                                                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                    COMPUTER:
                                                                                                                                                            CITY: Los Angeles
STATB: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/0FILING DATE: July 12, 1996
                                                                                                                            COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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Young, Scott A.
                                                                                                                                                                                                                                                                                                                                                                                                                                     Zwick, Michael G.
Edington, Brent E.
McSwiggen, James A.
Merlo, Patricia Ann Owens
                                                                                                                                                                                                                                                                                                                                          Folkerts, Otto
Merlo, Donald J.
                                                                                                                                                                                                                                                                                                                                                                                                                      Guo, Lining
                                             IBM Compatible
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                                                                                                                                                                                                                                                                                         COMPOSITION AND METHODS FOR MODULATION OF GENE EXPRESSION IN PLANTS
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BRR: 219/247
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                                                                                        1.44 Mb
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APPLICANT: FRAZER, Ian Hector
APPLICANT: ZHOU, Jian
                                          Matches
                                                                                                                                                                                                                                                                                   SEQ ID NO 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 33, Application US/09479645A Patent No. 6489141
                                                                Query Match 0.3%;
Best Local Similarity 88.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local (
                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: NUCLEIC ACID SEQUENCE AND METHOD FOR SELECTIVELY TITLE OF INVENTION: METHOSSING A PROTEIN IN A TARGET CELL OR TISSUE FILE REPERENCE: 210338.0001/JUS CURRENT APPLICATION NUMBER: US/09/479,645A CURRENT FILING DATE: 2000-01-07 PRIOR APPLICATION NUMBER: PCT/AU98/00530 PRIOR APPLICATION NUMBER: NU PO7765 PRIOR FILING DATE: 1998-07-09 PRIOR FILING DATE: 1997-07-09 PRIOR FILING DATE: 1997-07-09 PRIOR FILING DATE: 1997-07-09 PRIOR FILING DATE: 1997-07-09 PRIOR FILING DATE: 1997-09-09-11 NUMBER: AU PO9467 PRIOR FILING DATE: 1997-09-11 NUMBER: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                        FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Oligonucleotide specific for Tyr(TAC)
                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                          LENGTH: 17
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 1
FILING DATE: July 12
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
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Local Similarity 88.2%;
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1327 TGGAAAAATGAGGATTT 1343
                                            15;
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                                            Conservative
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                                                                Score 13.8; DB 1;
Pred. No. 5.9e+02;
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Pred. No. 5.9e+02;
0; Mismatches 2
                                            Mismatches
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                                                                                    DB 1; Length 17
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                                            Indels
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                                            Gaps
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RESULT 815 US-09-300-958A-63/c

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LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-365
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wclelland, Michael
APPLICANT: Welsh, John
APPLICANT: Trenkle, Thomas
ITITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
ITITLE OF INVENTION: Using Same
ITITLE OF INVENTION: Using Same
US/09/300,958A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-474-432B-365
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                                                                                                                                                          PRIOR FILING DATE: 1999-04-28
NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1998-08
PRIOR APPLICATION NUMBER:
PRIOR PILING DATE: 1999-02
PRIOR FILING DATE: 1999-02
NUMBER OF SEQ ID NOS: 85
SOUTTAINER: DETETT VOT: 2
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Best Local Similarity
Matches 15; Conserv
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SEQ ID NO 63
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                Query Match
Best Local Similarity
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  Matches
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CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: BOWNER APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Sinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate
77776 APPERENCR: MBHB00-831-B (247/276)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/300,958A
CURRENT FILING DATE: 1990-04-27
PRIOR APPLICATION NUMBER: 60/083,331
PRIOR FILING DATE: 1998-04-27
PRIOR FILING DATE: 1998-04-27
                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: Primer
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Conservative
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                                                                                                                                                                                   version 3.0
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  Score 13.8; DB 1;
Pred. No. 5.9e+02;
3; Mismatches 2;
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Pred. No. 5.9e+02;
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                                       Length 17;
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ravco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Bscobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Pactor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US/09/371,772B
PRIOR FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 641
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/ ORGANISM: Homo sapiens
US-09-474-4328-643
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; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-641
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TITLE OF INVENTION: Nucleotide triphosphate and
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/99/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR FILING DATE: 1998-04-29
PRIOR PILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR APPLICATION NUMBER: US 09/186,575
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
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Best Local Similarity
Tarches 14; Conserv
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SEQ ID NO 643
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 65661
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Patent No. 65
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Burgin, Alex
APPLICANT: Burdin, Alex
APPLICANT: Karpeisky, Alex
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Adamic, Jasenka
Sweedler, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Application US/09371772B
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Pred. No. 5
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ravco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchomb, Dan

APPLICANT: Stinchomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR PILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1074

LENGTH: 17
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                                                              TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
NUMBER: OF SEQ ID NOS: 14225
SOUTWARE: PatentIn version 3.0
SEQ ID NO 1791
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6566127
GENERAL INFORMATION:
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Best Local Similarity
Matches 11; Conserv
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GENERAL INFORMATION:
TYPE: RNA ORGANISM: Homo sapiens ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
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ORGANISM: Homo sapiens
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nes 15; Conserv
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Escobedo, Jaime
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Pred. No. 5.9e+02;
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Pred. No. 5.9e+02;
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; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3602
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US-09-371-772B-3602/c
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; ORGANISM: Mus sp.
US-09-371-772B-3419
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                                                                                                                       PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 3602
                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
CURRENT FILING DATE: 1999-08-10
Query Match
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Best Local Similarity
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Jan
APPLICANT: Stinchcomb, Jaime
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
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PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: US 60/005,974 PRIOR FILING DATE: 1995-10-26
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APPLICANT: Pavco, Pam
                                                                                                       LENGTH: 17
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Local Similarity 70.6%;
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Pred. No. 5.9e+02;
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Pred. No. 5
Score 13.8;
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; TYPE: RNA; ORGANISM: Mus sp. US-09-371-772B-3693
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; ORGANISM: Mus sp.
US-09-371-772B-3603
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APPLICANT: BEGODEGO, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
NUMBER: OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3603
LENGTH: 17
                                                                                                                                            SOFTWARE: PatentIn version 3.0 SEQ ID NO 3693
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Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MehB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
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PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 14225
                                                                                                                                                                                                             PRIOR FILING DATE: 1996-01-08
                                                                                                                          LENGTH:
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McSwiggen, Jim
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Pred. No. 5.9e+02;
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0; Mismatches
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Pred.
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  13.8; DB 1;
No. 5.9e+02;
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ravco, Pam

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

PILE REFERENCE: MBHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT APPLICATION NUMBER: US (00/005,974)

PRIOR APPLICATION STANDARD STANDARD SEQ ID NOS: 14225

SOPTWARE: Patentin version 3.0

SEQ ID NO 3844

LENGTH: 17
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ravco, Pam
APPLICANT: Bavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Escobedo, Jaime
APPLICANT: Bscobedo, Jaime
APPLICANT: Bscobedo, Jaime
ITITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
ITITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHBO0, 976-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/05,974
PRIOR APPLICATION NUMBER: US 60/05,974
PRIOR APPLICATION NUMBER: US 60/584,040
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOPTWARE: Patentin version 3.0
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                                                                                                ; ORGANISM: Mus sp.
US-09-371-772B-3844
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LENGTH: 17
TYPE: RNA
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Query Match 0.3%;
Best Local Similarity 47.1%;
Matches 8; Conservative
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GENERAL INFORMATION:
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                                                                                                                                                TYPE: RNA
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1 Similarity 88.2%;
15; Conservative
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Pred. No. 5.9e+02;
0; Mismatches 2;
Score 13.8; DB 1;
Pred. No. 5.9e+02;
7; Mismatches 2;
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: However, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MHHB00,876-U (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1995-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1995-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 4566
                                                                                                                                                                                                                                                                                                                         Sequence 5579, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: Bacobedo, Jaime

ITITLE OF INVENTION: Method and Reagent for the Treatment of Dist

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Fact(

PILE REFERENCE: MBHB00,876-J (237/198)

CURRENT PILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-01-08

PRIOR FILING DATE: 1995-01-08

PRIOR FILING DATE: 1995-01-08

PRIOR FILING DATE: 1996-01-08

PRIOR FILING
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US-09-371-772B-5579
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US-09-371-772B-4566
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Best Local Similarity 70.6%;
Matches 12; Conservative
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                                                                                Query Match
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TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                    LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
    Local Similarity 82.
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Score 13.8; Di
Pred. No. 5.9e
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Pred. No. 5.9e+02;
                            5.9e+02;
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                                                                            Length 17;
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Factor Receptor
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US-09-371-772B-6122/c
; Sequence 6122, Application US/09371772B
; Patent No. 6566127
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; ORGANISM: Homo sapiens
US-09-371-772B-5580
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                                                                                                                                  ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6122
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Method, 876-J0 (237/198)
CURRENT REPERENCE: MBH500,876-J0 (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR PRIUNG DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6122
                                                           Query Match
Best Local S
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                                          Matches
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Best Local Similarity 88.2%;
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APPLICANT: Pavco, pam
APPLICANT: McSwigen, Jim
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: US/09/371,772B
TITLE REFERENCE: MBHB00,876-J (237/198)
TURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-01-08
PRIOR FILING DATE: 1996-01-08
NUMBER: OF SEQ ID NOS: 14225
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APPLICANT:
APPLICANT:
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APPLICANT: Pavco, Pam
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41 GCAGCCCGGGGCTCCAC 57
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                                                                Similarity
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McSwiggen, Jim
Stinchcomb, Dan
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                                          Conservative
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                                                           Score 13.8; DB 1;
Pred. No. 5.9e+02;
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Pred. No. 5.9e+02;
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                                        Mismatches
                                                                                Length 17;
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US-09-371-772B-6657/c
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; ORGANISM: Homo sapiens
US-09-476-387-364
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PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6657
LENGTH: 17
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                                                       PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOPTWARE: PatentIn version 3.0
SEQ ID NO 364
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 364, Application US/09476387 Patent No. 6617438
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
ERIOR APPLICATION NUMBER: US 60/005,974
                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
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TITLB OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotier REFERENCE: MBHB00-831-C (249/073)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/083,727
                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
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APPLICANT: Pavco, Pam
                                         TYPE: RNA
                                                                                                                                                                                         FILING DATE: 1998-04-29
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McSwiggen, Jim
Stinchcomb, Dan
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Adamic, Jasenka Matulic
Sweedler, Dave
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Pred. No. 5
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US-09-866-108A-667
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.0 SEQ ID NO 642
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Best Local 9
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ORGANISM: Homo sapiens
-09-476-387-642
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David R.
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TITLE OF INVENTION: Nucleotide Triphosphate
FILE REFERENCE: MBHB00-831-C (249/073)
CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
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                                              FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
                                                                                                                       APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: HANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 09/474,432
PRIOR PILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
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PRIOR FILING DATE: 1997-11-05
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mes 12; Conser
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APPLICATION NUMBER: 60/083,727
FILING DATE: 1998-04-29
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FILING DATE:
             PILING DATE: 2000-05-26
APPLICATION NUMBER: GB 24263.6
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Beaudry, Amber
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llarity 70.6%;
Conservative
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Pred. No. 5.
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Pred. No. 5.9e+02;
3; Mismatches 2
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; TYPE: DNA ; ORGANISM: Homo sapiens US-09-866-108A-667
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; Sequence 740, Application US/09866108A
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 70/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
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; SEQ ID NO 667
; SEQTH: 17
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Best Local &
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                      PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT)
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/
PRIOR PILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                       APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30 APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30
                                                                                                                                                                        APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                  FILING DATE: 2001-01-30
                                     APPLICATION NUMBER: PCT/US01/00663
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APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: PCT/US01/00664
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data removed
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Pred. No. 5.
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See File Wrapper or PALM
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; Sequence 834, Application US/09866108A
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; ORGANISM: Homo sapiens
US-09-866-108A-740
                                                                                                                                                                                               Patent No. 668
SEQ ID NO 834
LENGTH: 17
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Best Local Similarity 88.2%;
Matches 15; Conservation
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SEQ ID NO 740
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                                                                                                        Query Match
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APPLICANT:
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APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                    SOFTWARE: Aeomica Sequence Listing Engine
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APPLICANT: JI, Yonggang
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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                                                                                       Local
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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nilarity 88.2%;
Conservative
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L, David K.
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                                                                  Score 13.8; D
Pred. No. 5.9e
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RESULT 837

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GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G
APPLICANT: HANZEL, David K
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US-09-866-108A-918
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Patent No. 6686188
SEQ ID NO 918
LENGTH: 17
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FILE REFERENCE: AEGONICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26
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APPLICANT:
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED FILE REFERENCE: AEOMICA-7
CHEDERM ROSE
                                                                                                      APPLICANT: RANK, David R.
APPLICANT: CHANON, Mark
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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15; Conserv
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David K.
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Pred. No. 5.9e+02;
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; Remaining Prior Application data removed - Se; NUMBER OF SEQ ID NOS: 15755; SOFTWARE: Acomica Sequence Listing Engine; Patent No. 6686188; SEQ ID NO 1318; SEQ ID NO 1318; LENGTH: 17; TYPE: DNA GRGANISM: Homo sapiens
US-09-866-108A-1318
                                                                                                                       APPLICANT: GU, Yizhong
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MAYK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN:
FILE REFERENCE: AEOMICA-7
FILE REFERENCE: AEOMICA-7
CURRENT FILING DATE: 2001-05-25
FRIOR APPLICATION NUMBER: US 60/207,456
FRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
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PRIOR PILING DATE: 2001-01-30
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Best Local 9
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PRIOR PPLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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Similarity 88.2%;
15; Conservative
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data removed -
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Pred. No. 5.9e+02
See File Wrapper or PALM.
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US-09-866-108A-1351; Sequence 1351, Application US/09866108A; Patent No. 6686188; GENERAL INFORMATION:
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                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1351
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PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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Patent No. 6686188
SEQ ID NO 1350"
LENGTH: 17
                                                                Query Match
Best Local Similarity
Matches 15; Conserv
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SEQ.ID NO 1351
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APPLICANT: GU, Yizhong
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR TILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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APPLICANT: SHANNON, MAIK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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PENN, Sharron
                                                                          Conservative
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ilarity 88.2%;
Conservative
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Pred. No. 5.9e+02
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US-09-866-108A-2019
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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SEQ ID NO 1670
                                                                                                                                                                                                                                                                                                     Sequence 2019, Application US/09866108A Patent No. 6686188
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Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN FILE REFERENCE: REOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00664
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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Pred. No. 5.9e+02
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2019
LENGTH: 17
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Patent No.
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APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                                                                  APPLICATION NUMBER: GB 24263.6
FILING DATE: 2000-10-04
APPLICATION NUMBER: US 60/236,359
FILING DATE: 2000-09-27
                                   APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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APPLICATION NUMBER: FILING DATE: 2001-01
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APPLICATION NUMBER: PCT/US01/00664
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5. 6686188
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PENN, Sharron
HANZEL, David
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Pred. No. 5.9e+02;
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SEQ ID NO 6676
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US-09-866-108A-2369
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 2369
LENGTH: 17
TYPE: DNA
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Best Local Similarity 88.2%;
Matches 15; Conservative
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SOPTWARE: Acomica Sequence ''''
atent No
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
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APPLICANT: JI, Yonggang
                                                                                                                                  ORGANISM: Homo sapiens
                                                                          Local
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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Pred. No. 5.9e+02
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6935
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US-09-866-108A-7799/c
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PRILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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SEQ ID NO 6935
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           APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR ADDITIONAL TOWNS TO THE PROPERTY OF ADDITIONAL TOWNS TO THE PROPERTY OF THE PROPERTY 
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
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PRIOR FILING DATE: 2001-01-30
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
PRIOR APPLICATION NUMBER: US 60/207,456
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PRIOR FILING DATE: 2001-01-30
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PENN, Sharron
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Pred. No. 5.9e+02;
0; Mismatches 2
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APPLICATION NUMBER: GB 2

GB 24263.6

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; TYPE: DNA; Homo sapiens US-09-866-108A-7799
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SEQ ID NO 7799
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
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OR APPLICATION NUMBER: GB 24263.6
OR FILING DATE: 2000-10-04
OR APPLICATION NUMBER: US 60/236,359
OR FILING DATE: 2000-09-27
OR APPLICATION NUMBER: PCT/US01/00666
OR FILING DATE: 2001-01-30
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Local Similarity 88.2%;
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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                                FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
                                                                                  APPLICATION NUMBER: PCT/US01/00669
                                                                                                                  FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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                APPLICATION NUMBER: PCT/US01/00668
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Pred. No. 5
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; ORGANISM: Homo sapiens
US-09-866-108A-7800
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US-09-866-108A-8357
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; SEQ ID NO 8357
; LENGTH: 17
                                                               Query Match
Best Local S
Matches 15
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Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7800
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Patent No. 6686188
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Best Local Similarity
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236;
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APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: PCT/US01/00667
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PENN, Sharron
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Pred. No. 5.
                                                                 Score 13.8; DB 1;
Pred. No. 5.9e+02;
0; Mismatches 2
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SEQ ID NO 8399
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity 88.2%;
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                                        APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSUN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERBNCE: AEOMICA-7
                                                                                                                                                                                                                                                                           Patent No.
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
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PILIUG DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
PILIUG DATE: 2001-01-30
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APPLICATION NUMBER: US/09/866,108A FILING DATE: 2001-05-25
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Pred. No. 5.9e+02;
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FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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; SEQ ID NO 8418
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GENERAL INFORMATION:
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SOFTWARE: Acomica Sequence Listing Engine
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                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                                                             APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
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PENN, Sharron
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: 2001-01-30
NUMBER: PCT/US01/00668
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; ORGANISM: Homo sapiens
US-09-866-108A-8465
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8648
LENGTH: 17
                                                                                Query Match
Best Local Similarity
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Patent No. 6686188
SEQ ID NO 8465
                                                            Matches
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APPLICANT:
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-09-866-108A-8648
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                                                                                                                                              TYPE: DNA
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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2641 CTGCAGCTGCTGCTGCA 2657
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                                                              Conservative
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Pred. No. 5.9e+02;
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Pred. No. 5
                                                              Mismatches
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US-09-866-108A-8648
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                                                                                                  GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8648
LENGTH: 17
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APPLICANT: GU, Yizhong
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Best Local
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                           APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
   CURRENT
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PRIOR APPLICATION NUMBER: PCT/US01/00665
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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APPLICATION NUMBER: PCT/US01/00664
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: US/09/866,108A
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                     AEOMICA-7
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David K.
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Pred. No. 5
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RESULT 855
US-09-866-108A-8649/c
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ORGANISM: Homo sapiens
US-09-866-108A-8649
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SEQ ID NO 8649
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AECONICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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PRIOR FILING DATE: 2000-05-26
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APPLICANT: JI, Yongga
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/236,359
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                                                          OR FILING DATE: 2001-01-30

RAPPLICATION NUMBER: PCT/US01/00667

OR FILING DATE: 2001-01-30

OR APPLICATION NUMBER: PCT/US01/00664

OR FILING DATE: 2001-01-30

OR APPLICATION UMBER: PCT/US01/00669

OR APPLICATION UMBER: PCT/US01/00669

OR FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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                  APPLICATION NUMBER: PCT/US01/00665 FILING DATE: 2001-01-30
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HANZEL, David K.
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NUMBER: PCT/US01/00668
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Pred. No. 5.9e+02;
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8650
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; ORGANISM: Homo sapiens
US-09-866-108A-8649
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Patent No. 6686188
SEQ ID NO 8649
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SEQ ID NO 8650
  Matches
                  Query Match 0.3%;
Best Local Similarity 88.2%;
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Patent No. 6686188
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SOFTWARE: Aeomica Sequence Listing Engine
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar
APPLICANT: HANZEL, Da
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Remaining Prior Application data removed
NUMBER OF SEQ ID NOS: 15755
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR APPLICATION NUMBER: PCT/US01/00664
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APPLICATION NUMBER: PCT/US01/00669
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HANZEL, David K.
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PENN, Sharron
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                  Score 13.8; DB 1;
Pred. No. 5.9e+02;
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Pred. No. 5.9e+02;
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                                          DB 1;
                                     Length 17,
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US-09-866-108A-8810/c
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8810
LENGTH: 17
                                                                                                                                                                                                      Sequence 8864, Application US/09866108A Patent No. 6686188
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Best Local Similarity 88.2%;
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                                                                                                                                                                                     GENERAL INFORMATION:
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APPLICANT: JI
APPLICANT: HA
APPLICANT: RA
APPLICANT: RA
APPLICANT: CH
APPLICANT: CH
                 TITLE
                                                                                                APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
                                                          APPLICANT:
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                                      APPLICANT:
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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               T: RANK, David R.
T: CHANK, Wensheng
T: SHANNON, MARK
INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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                                                                                              PENN, Sharron G.
HANZEL, David K.
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Pred. No. 5
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.9e+02;
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; ORGANISM: Homo sapiens
US-09-866-108A-8864
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8864
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 8
Patent No.
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Best Local Similarity
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APPLICANT: CHEN, Wenisheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILS REFERENCE: ABOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25 PRIOR APPLICATION NUMBER: US 60/207,456 PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: GU, Yizhong APPLICANT: JI, Yongga
                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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                                                                                                                 FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: PCT/US01/00664
                                      FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
                                                                               APPLICATION NUMBER: PCT/US01/00664
                                                                                                    FILING DATE: 2001-01-30
                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00666
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                   FILING DATE:
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b. 6686188
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NUMBER: PCT/US01/00665
                     2001-01-3
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Pred. No. 5.
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; ORGANISM: Homo sapiens
US-09-866-108A-8915
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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NUMBER OF SEQ ID NOS: 15755
SOPTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 8915
                                                                                                                                                             Patent No. 6686188
SEQ ID NO 9196
Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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APPLICANT:
APPLICANT:
                                                                                   ORGANISM: Homo sapiens
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                             TYPE: DNA
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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o. 668618
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INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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Score 13.8; DB 1; Length 17; Pred. No. 5.9e+02; 0; Mismatches 2; Indels
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Pred. No. 5.9e+02
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FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR PILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-10-04

PRIOR PILING DATE: 2000-10-04

PRIOR PILING DATE: 2000-10-9-27

PRIOR PILING DATE: 2000-09-27

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PILING DATE: 2001-01-30

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US-09-866-108A-9544
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                                                                                                                                                                                                                                                                                    RESULT 862
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Sequence 9630, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANKON, Mark
APPLICANT: SHANKON, Mark
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: JI, Yonggang
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ORGANISM: Homo sapiens
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15; Conserv
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RANK, David R.
CHEN
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ilarity 88.2%;
Conservative
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Pred. No. 5.9e+02;
0; Mismatches 2
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REFERENCE: AEOMICA-7

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US-09-866-108A-9651/c
; Sequence 9651, Application US/09866108A
; Patent No. 6686188
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Best Local
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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APPLICANT: JI, Yongga
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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                                                      FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
                                                                                                                  APPLICATION NUMBER: PCT/US01/00666
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
APPLICATION NUMBER: PCT/US01/00669
APPLICATION NUMBER: PCT/US01/00669
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APPLICATION NUMBER: PCT/US01/00667
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HANZEL, David K.
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Pred. No. 5.9e
0; Mismatches
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; ORGANISM: Homo sapiens
US-09-866-108A-9651
                                                                     ; ORGANISM: Homo sapiens US-09-866-108A-10662
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9651
                                                                                                                                          Patent No. 6686:
SEQ ID NO 10662
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Best Local Similarity
Matches 15; Conserv
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Matches 15; Conserv
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Patent No.
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REPERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
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PRIOR APPLICATION NUMBER: US 60/236,359
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APPLICANT: GU, Yizhong
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PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
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                                                                                                         TYPE: DNA
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Pred. No. 5.9e+02
                  Score 13.8; DB 1.
Pred. No. 5.9e+02
   Mismatches
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US-09-866-108A-10664/c
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PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/USO1/00667
PRIOR PELING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/USO1/00669
PRIOR PELICATION NUMBER: PCT/USO1/00665
PRIOR PILING DATE: 2001-01-30
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Matches
Sequence 55, Application US/09404912
Patent No. 6703228
GENERAL INFORMATION:
APPLICANT: John Landers
APPLICANT: David Houseman
APPLICANT: Barbara Jordan
APPLICANT: Barbara Jordan
APPLICANT: Alain Charest
TITLS OF INVENTION: Genotyping and DNA Analysis
FILE REFERENCE: M0656/7045(HCL/MAT)
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SEQ ID NO 10664
LENGTH: 17
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Patent No. 6686188
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.09-866-108A-10664
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SOFTWARE: Acomica Sequence Listing Engine
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 4263.6
PRIOR PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     y Match 0.3%; Score 13.8; DB 1; Local Similarity 88.2%; Pred. No. 5.9e+02; nes 15; Conservative 0; Mismatches 2;
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CURRENT FILING DATE: 199-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: PastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 88.2%;
Matches 15; Conservative
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LENGTH: 17
TYPE: DNA
ORGANISM: Homo Sapiens
                                                                  Matches
                                                                                Query Match
Best Local Similarity
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1

CURRENT APPLICATION DATA:

PILING DATE:

FILING DATE:

CLASSIFICATION:
                                                                                                                                                                                                                                                     TELEPHONE: 404/688-07
TELEFAX: 404/688-9880
INFORMATION FOR SEQ ID NO:
                                                                                                                                               STRANDEDNESS:
TOPOLOGY: line
MOLECULE TYPE: I
                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 36,016
REFERENCE/DOCKET NUMBER: 220
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Spratt, Gwendolyn
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cover, Timothy L.
APPLICANT: Blaser, Martin J.
TITLE OF INVENTION: VACUOLATING TOXIN-DI
TITLE OF INVENTION: AND RELATED METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 127 Pea
CITY: Atlanta
STATE: Georgia
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                               4814 GTATCAACACCAGCCCT 4830
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127 Peachtree Street, Suite 1200
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                                                                  Conservative
                                                                                                                                                                      linear
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                                                                                Score 13.8;
Pred. No. 5.
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Pred. No. 5.9e+02;
                                                                  Mismatches
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                                                                                5.9e+02
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RESULT 869
US-08-758-306-953
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Patent No. 5807743
GENERAL INFORMATION:
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Best Local Similarity 88.2%;
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                                                                                                        APPLICANT: McSwiggen, J
TITLE OF INVENTION: MET
TITLE OF INVENTION: ASS
TITLE OF INVENTION: INV
TITLE OF INVENTION: GAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: SPRART, GWENDOLYN D.
REGISTRATION NUMBER: 36,016
REFERENCE/DOCKET NUMBER: 220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTMARE: PatentIn Release #1.0.
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                                                                                                                                                                                        APPLICANT:
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TELEPHONE: 404/688-0770
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                                                                         NUMBER OF SEQUENCES: 1
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APPLICANT: Blaser, Martin J.
TITLE OF INVENTION: VACUOLATING TOXIN-DEFICIENT H. PYLORI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FITLE OF INVENTION: AND THE RELATED METHODS
                             STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US95/02219A FILING DATE: CLASSIFICATION:
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CITY: Atlanta
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Los Angeles : California
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5807743
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                               Suite 4700
                                            E: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      E: NEEDLE & ROSENBERG P.C.
127 Peachtree Street, Suite 1200
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Cao, Ping
Cao, Ping
Stuart A.
                                                                                                                                                                      Stinchcomb, Dan T.
McSwiggen, James A.
VENTION: METHOD AND REAGENT FOR THE
                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DNA (genomic)
                                                                                                                                         TREATMENT OF DISEASES ASSOCIATED WITH
                                                                                                           GAMMA-CHAIN EXPRESSION
                                                                                                                          INTERLEUKIN-2
                                                                                           1379
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Pred. No. 5
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                                                                                                                            RECEPTOR
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FILING DATE: Concurrently herewith CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/425,867
FILING DATE: 24-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Halluin, Albert P.
REGISTRATION NUMBER: 25,227
REFERENCE/DOCKET NUMBER: 8142-054
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Nielson, Kirk B.
APPLICANT: Mathur, Brit J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/224,981
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APPLICATION NUMBER: US
FILING DATE: December
                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
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ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A. ZIP: 94025
                                                                                                                                                                                                                                                                                                                                                             CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 21:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DO:
SOFTWARE: FastSeq Version 1.5
                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2640 CCTGCAGCTGCTGC 2656
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2730 Sand Hill Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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                                                                                                                                                  UMBER: US/08/224,981
Concurrently herewith
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Method for Producing Primed Nucleic Acid
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Pred. No. 6.2e+02;
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Best Local Similarity 88.2%;
Matches 15; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base maintype.
                                                                              Query Match
Best Local Similarity
                                                                Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: MacDon
                                                                                                                                                                                                TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              equence 21,
                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/08/246,982A PILING DATE: May 20, 1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION: NAME: GOldstein, Jorge, A. REGISTRATION NUMBER: 29,021
REFERENCE/DOCKET NUMBER: 0609.3880002
                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 1100 New CITY: Washington
                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: unknown TOPOLOGY: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
ZIP: 20005
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                                 4606 CAGGTGCTGAGCCAGGA 4622
                                                                  15; Conservative
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INVENTION: Huntingtin DNA, Protein And Uses Thereof
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 CAGGTACTGAGCGAGGA 17
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1100 New York Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (415) 854-3660
(415) 854-3694
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Duyao, Mabel P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MacDonald, Marcy B. Ambrose, Christine M.
                                                                              0.3%;
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                                                             Score 13.8; DB 1;
Pred. No. 6.2e+02;
0; Mismatches 2;
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Pred. No. 6.
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                                                                                                Length 18;
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RESULT 872

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US-08-453-265-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (202) 371-2600
TELEPAX: (202) 371-540
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIAN PC-DOS/MS-DOS
SOPTWARE: PATENTIAN PLICATION DATA:
APPLICATION NUMBER: US/08/453,265
FILING DATE: 30-MAY-1395
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: LUGWIG, Steven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 0609.3880003
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 21,
Patent No. 5
                                                                                                                                                                                                                                                                                                                                               Patent No.
                                                                                                                                                                                                                                                                                                                                                                Sequence 1223,
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APPLICANT: MacDon
                                                                                                                                                                               APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOU
TITLE OF INVENTION: PREVEI
TITLE OF INVENTION: OF VA-
                                                                                                                                                                                                                                              APPLICANT: Court APPLICANT: McSwiggen, Jamus APPLICANT: McSwiggen, Charles Bisgaier, Charles Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Gusella, James F.
TITLE OF INVENTION: Huntingtin DNA, Protein And Uses Thereof
NUMBER OF SEQUENCES: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Sterne, K
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                                                                                                                                            CORRESPONDENCE ADDRESS
COMPUTER READABLE FORM:
                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1100 New CITY: Washington STATE: D.C.
                                                 STREET: 633 West Pifth Street
STREET: Soulte 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                              COUNTRY:
                                                                                                                           ADDRESSEE:
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5693757
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                                  U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                  Application US/08363240A
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                                                                                                                        Lyon & Lyon
                                                                                                                                                                               METHOD AND REAGENT FOR PREVENTION, INHIBITION OF PROGRESSION AND REGRESSION OF VASCULAR DISEASES
                                                                                                                                                                 1243
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0;
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Pred. No. 6.2e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/08424663
Patent No. 5750341
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity Matches 12; Conserv
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 18 nucleotide
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                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: MACEVICZ, Stephen C.

APPLICANT: MACEVICZ, Stephen C.

TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Bloc
NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELLEPHONE: (213) 489-1600
TELLEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/363,240A FILING DATE: December 23, 1994 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                        NAME: Stephen C. Macevicz REGISTRATION NUMBER: 30,285 REGISTRATION NUMBER: pec REFERENCE/DOCKET NUMBER: pec TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 638-5552
                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                              SOPTWARE: Microsoft Word for Windows, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                         FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
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MEDIUM TYPE:
COMPUTER: IBN
                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM compatible OPERATING SYSTEM: Windows
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Warburg, Richard REGISTRATION NUMBER: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Stephen C. Macevicz
STREET: 21890 Rucker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
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California
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RESULT 876
US-08-758-306-499
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                                                                                                                     Matches
                                                                                                                                   Query Match
Best Local 9
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                            STRANDEDNESS:
TOPOLOGY: lin
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0.
                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1000
TELEPAX: 312-715-1234
                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: NO. 5789389nan, Kevin
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 95
                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PATENTIN Release
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/01
FILING DATE: 17-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Roninson, Igor B
TITLE OF INVENTION: BCL2 Derived Genetic Elements Associated
TITLE OF INVENTION: with Sensitivity to Chemotherapeutic Drugs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 10 South
CITY: Chicago
STATE: Illinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
                                                                                                                   Local Similarity
mes 15; Conserv
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STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                       LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 60606
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                                                                                        4101 CCTGGAGAAGCCAGCCA 4117
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5789389
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                                                             CCTGGAGACGCCATCCA 17
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Schott, Brigitte
                                                                                                                      Conservative
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                                                                                                                     Score 13.8; DB 1;
Pred. No. 6.2e+02;
0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 13.8; DB 1;
Pred. No. 6.2e+02;
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                                                                                                                                                    DB 1;
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                                                                                                                                                 Length 18;
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                                                                                                                      Gaps
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Sequence 499, Application US/08758306 Patent No. 5807743

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US-08-173-489C-218
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Matches
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GENERAL THE TRANSPORTED TO THE TRANSPORT THE TRANSPOR
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ATTORNEY/AGENT INFORMATION:
ANAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/
TELECOMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: McSwigger
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                 APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
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FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
COUNTRY: USA
ZIF: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESSE: POPTLE DIAGNOSTIC SCIENCES, INC.
STREET: 510 EAST 73RD STREET,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (213) 955-0440
TELEFAX: (213) 955-0440
TELEX: 67-3510
TELEX: 67-3510
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STREET: 630 West Fifth Street
STREET: Suite 4700
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
nes 12; Conserva
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                                                                                                                                                      STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
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METHOD AND REAGENT FOR T
TREATMENT OF DISEASES
ASSOCIATED WITH
INTERLEUKIN-2 RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GAMMA-CHAIN EXPRESSION 1379
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COUNTR::

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5° Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTEM: US/08/585,684B

FILING DATE: January 16, 1996

PRIOR APPLICATION UMBER: US/000,951

APPLICATION UNBER: 60/000,951

TTING DATE: July 7, 1995
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
PILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 218:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: other nucleic acid DESCRIPTION: third strand derived from E. coli 23s DESCRIPTION: region in Seq ID No. 5861244217
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SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                       STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS: single stranded TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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Pred. No. 6.2e+02;
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ATTORNEY/AGENT INFORMATION:

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RESULT 880
US-09-161-015-27/c
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US-09-156-979-29/c
                                    US-09-161-015-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide US-09-156-979-29
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                                                                                              APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF RhoG EXPRESSION
FILE REFERENCE: RTS-0015
CURRENT APPLICATION NUMBER: US/09/161,015A
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 27
LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 29, Application US/09156979
Patent No. 5962672
GENERRAL INFORMATION:
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF RhoB EXPRESSION
FILE REFERENCE: RTS-0013
CURRENT APPLICATION NUMBER: US/09/156,979
CURRENT FILING DATE: 1998-09-18
                                                                                                                                                                                                                                                 Sequence 27, Application US/09161015A Patent No. 5965370 GENERAL INFORMATION:
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Best Local (
 Query Match
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Best Local (
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SEQ ID NO 29
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                ORGANISM: Artificial Sequence
                                                                   FEATURE:
                                                 OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (213) 489-1600
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Local Similarity 64.7%;
nes 11; Conservative
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Warburg, Richard REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                   1626 CTGCAGAGAGCTGGCCC 1642
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Similarity 88.2%;
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0.3%;
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Pred. No. 6
 Score 13.8;
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Length 18;
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                                                                                                                                                                                   RESULT 882
US-08-872-446-10
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                                                                                                                                                                                                                                                                                                                                                                                           US-08-872-446-6
                                                                                                                                                  Sequence 10, Applion Patent No. 5969119
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GENERAL INFORMATION:
APPLICANT: Macevicz,
                                                                                                                                                                                                                                                                                                                         Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
APPLICATION NUMBER: US 08/424,663
FILING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
                                                                                                                  GENERAL INFORMATION: APPLICANT: Macevi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (650) 324-0960 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/872,446
                             NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
                                                                             APPLICANT: Macevicz, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Parallel
TITLE OF INVENTION: Oligonucleotide Extensions
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
STREET:
CITY: I
                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
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: 350 Cambridge Avenue, Suite 250 Palo Alto
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                                                                                                                                                                  Application US/08872446
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Pred. No. 6.2e+02;
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RESULT 884
US-09-255-893-41/c
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Patent No. 597341
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. COMBERT
APPLICANT: Lex M. COMBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION FILB REFERENCE: RTS-0019
CURRENT APPLICATION NUMBER: US/09/197,008
CURRENT FILING DATE: 1998-11-20
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 31
Sequence 41, Application US/09255893A Patent No. 6008344 GENERAL INFORMATION:
                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 15; Conserva
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve.
CURRENT APPLICATION NUMBER: US/08/872,446
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/424,663
APPLICATION NUMBER: US 08/424,663
APPLICATION TOPORMATION:
NUMBER: 17-APR-1995
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (650) 324-0960 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                        LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Powers, Vincent M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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; Sequence 32, Application US/09339993A; Patent No. 6040179; Patent No. 6040179; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsert; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I2 EXPRILE REPERSUCE: RTS-0064; CURRENT APPLICATION NUMBER: US/09/339,993A; CURRENT FILING DATE: 1999-06-25; NUMBER OF SEQ ID NOS: 47; SEQ ID NO 32; SEQ ID NO 32; LENGTH: 18
                                                                                                                                                                                                                                                                                                    RESULT 886
US-09-339-993-32/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-09-344-520-43
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US-09-339-993-32
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US-09-344-520-43/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Frank Bennett
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTIENSE MODULATION OF integrin beta 3 EXPRESSION
FILE REFERENCE: RTS-0070
CURRENT APPLICATION NUMBER: US/09/344,520
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 43
LENGTH: 18
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APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2 -
FILE REFERENCE: RTS-0055
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 41
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Best Local Similarity
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ORGANISM: Artificial Sequence
FRATURE:
                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
                 OTHER INFORMATION: Antisense Oligonucleotide
                                     FEATURE:
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Pred. No. 6.2e+02;
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Pred. No. 6.2e+02;
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RESULT 889
US-08-937-063-11
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US-09-280-409-78/c
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                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION FILE REFERENCE: RTS-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 78
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 41, Application US/09344579 Patent No. 6054316
             Sequence 11, Application US/08937063 Patent No. 6187534
                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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Best Local Similarity
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SEQ ID NO 41
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APPLICANT: Lex M. COWSET
TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2
FILE REPERENCE: RTS-0063
                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lex M. Cowsert APPLICANT: C. Frank Bennett APPLICANT: Bert W. O'Malley
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CURRENT FILING DATE: 1999-06-25
GENERAL INFORMATION:
                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                           TYPE: DNA
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ORGANISM: Artificial Sequence
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Pred. No. 6.2e
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Pred. No. 6.
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Pred. No. 6.2e+02;
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US-09-038-073-2687
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/937,063
FILING DATE: 24-SEP-1997
CLASSIFICATION: 435
ATTORNEY/ACEPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: GRANAHAN, PATRICIA
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: BIDM
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECHONE: (781) 861-6240
TELEFAX: (781) 861-9540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2687, App
Patent No. 6194150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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APPLICANT: Stinch
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APPLICANT:
APPLICANT:
                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                        APPLICANT:
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CITY: LEXINGTON
STATE: MASSACHU
                                                                                                                                  COUNTRY: U.S.A.
                                                                                                                                                       STATE:
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                                                                                                                      90071
                                                                                                                                                    Los Angeles
: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MASSACHUSETTS
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                                                                                                                                                                                                                                                                                                                        McSwiggen,
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SUTHANTHIRAN, MANIKKAM
VENTION: METHODS OF EVALUATING TRANSPLANT
                                                                                                                                                                                                                                                                                                                                                      Stinchcomb, Daniel T.
                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09038073
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.3%;
                                                                                                                                                                                                                                                                     METHOD AND REAGENT FOR THE INDUCTION OF GRAFT TOLERANCE AND REVERSAL OF IMMUNE RESPONSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REJECTION: 32
                                    IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                          James
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Pred. No. 6.2e+02;
                                                                                     1.44
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RESULT 032.
US-09-280-270A-6/c
J Sequence 6, Application US/09280270A
Sequence 6, Application US/09280270A
Patent No. 6306597
GENERAL INFORMATION:
APPLICANT: Macevicz, Stephen C.
TITLE OF INVENTION: DNA Sequencing by Parallel
Oligonucleotide Extensions
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US-09-280-270A-6
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                          INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard 32,327 REGISTRATION INVEST: 32,327 REFERENCE/DOCKET NUMBER: 211 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 1
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
TOPOLOGY: 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatable
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                  NAME: POWEYS, VINCENT M.
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0015/peolus
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/09/280,270A
FILING DATE: 29-Mar-1999
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94306
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2642 TGCAGCTGCTGCAG 2658
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                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/424,663 PILING DATE: 17-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 350 Cambridge Avenue, Suite 250 CITY: Palo Alto
                                                                   TYPE: nucleic acid
                                                    STRANDEDNESS: single
                                                                                                                                               TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: CA
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                   DESCRIPTION: SEQ ID NO:
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RESULT 893
US-08-584-040-8345
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US-09-280-270A-10
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: Sequence 8345, Applicat
; Patent No. 6346398
; GENERAL INFORMATION:
APPLICANT: Pavco, F
APPLICANT: McSw19ge
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Best Local Similarity 88.3
Matches 15; *Conservative
                                                                                                                                                                                                                                            Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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GENERAL INFORMATION:
APPLICANT: Macevicz, Stephen C.
                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/424,663
APPLICATION UNMBER: US 08/424,663
APPLING DATE: 17-APR-1995
ATTORNEY/AGENT INFORMATION:
NAME: POWERS, Vincent M.
REGISTRATION NUMBER: 36,246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,270A
PILING DATE: 29-Mar-1999
PILING DATE: 29-Mar-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 5525-0015/peolus TELECOMMUNICATION INFORMATION:
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ADDRESSEB: Dehlinger & Associates
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION:
                                                                                                                                                                                                       222 CATCTCCCCTCACCCTC 238
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TYPE: nucleic acid
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 350 Cambridge Avenue, Suite 250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (650)
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                                                                           Application US/08584040
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                                                                                                                                                                                                                                                             Score 13.8; DB 1;
Pred. No. 6.2e+02;
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Pred. No. 6.2e+02;
                                                                                                                                                                                                                                                Mismatches
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                                                                                                                                                                                                                                                                                   DB 1;
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                                                                                                                                                                                                                                                                                 Length 18;
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APPLICANT: McSwiggen, James APPLICANT: Stinchoomb, Dan T. APPLICANT: Escobedo, Jaime TITLE OF INVENTION: METHOD AND REAGENT FOR THE

Pavco, Pamela

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Matches
                                                                                                                                                                                                                                                                                              Sequence 8376, Application US/08584040 Patent No. 6346398 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION NUMBER: US/08/584,040
APPLICATION NUMBER: US/08/584,040
FILLING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
APPLICATION NUMBER: 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                           APPLICANT: I
APPLICANT: I
APPLICANT: I
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TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                            TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: TREATMENT OF DISEASES OR TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL TITLE OF INVENTION: GROWTH FACTOR NUMBER OF SEQUENCES: 8502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                              APPLICANT:
                                                                                            CORRESPONDENCE ADDRESS:
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                                    STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIP: 90071-2066
                       CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
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11; Conserv
Los Angeles
California
                                    E: Lyon & Lyon
633 West Fifth Street
Suite 4700
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                                                                                                                                                                                                                                         McSwiggen, James
Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.3%; Score 13.8; ilarity 64.7%; Pred. No. 6. Conservative 4; Mismatche
                                                                                                                                                                                                                          Escobedo,
                                                                                                                                                                                                                                                                                  Pavco, Pamela
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8502
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                                                                                                                       , OTHER INFORMATION: Antisense Oligonucleotide US-09-723-535-41
                                                                                                                                                                                                                                                                                                                                                                                         US-09-723-535-41/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-584-040-8376
                                                                                                                                                                                              NUMBER OF SEQ ID NOS:
SEQ ID NO 41
LENGTH: 18
                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-2 EXPRESSION
FILE REFERENCE: RTS-0225
CURRENT APPLICATION NUMBER: US/09/723,535
CURRENT FILING DATE: 2000-11-27
                                                                                                                                                                                                                                                                                                                                                         Sequence 41, Application US/09723535 Patent No. 6355483
                                                           Matches
                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                    TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,97
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM CON
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: FILING DATE: Januar
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Word Perfect 5.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
                             1186 AGAGAGAGAGAAATC 1202
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18
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                                                             Conservative
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ER: 218/064
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                                                                        Score 13.8; DB 1;
Pred. No. 6.2e+02;
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Pred. No. 6.2e+02;
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                                                             Mismatches
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                                                                                        Length 18;
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RESULT 896 US-09-387-341-90/c

Sequence 90, Application US/09387341 Patent No. 6410323

GENERAL INFORMATION:

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APPLICANT: COMBERT, LEX M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
TITLE OF INVENTION: Expression
FILE REFERENCE: 159H-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER FILING DATE: 1998-09-18
EARLIER FILING DATE: 1998-09-25
EARLIER FILING DATE: 1998-09-25
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                                                                                                                                                                                                                                                                                                             EARLIER APPLICATION NUMBER: 09/161,015
EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 233
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 170, Application US/09387341 Patent No. 6410323
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SEQ ID NO 90
LENGTH: 18
                                                                                                          Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Antisense Modulation of Human Rho Family
TITLE OF INVENTION: Expression
FILE REFERENCE: ISSPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER PELICATION NUMBER: 09/156,424
EARLIER PILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER FILING DATE: 1998-09-18
EARLIER FILING DATE: 1998-09-18
EARLIER FILING DATE: 1998-09-18
EARLIER FILING DATE: 1998-09-18
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APPLICANT: Cowsert, Lex M.
                                                                                                                                                                                                                                                                       TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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Local Similarity 88.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1626 CTGCAGAGAGCTGGCCC 1642
                                          1094 AGCCCAGCCTAGCACCC 1110
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AGCCCAGCCTGACACCC 1
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                                                                                          Conservative
                                                                                                             0.3%;
                                                                                     Score 13.8; DB 1;
Pred. No. 6.2e+02;
0; Mismatches
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Pred. No. 6.2e+02;
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                                                                                          Gaps
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-000-286A-21
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Sequence 4081, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 22
LENGTH: 18
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LENGTH: 18
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                                                                                                                                                                                                                                                                                                                             Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 22, Application US/09000286A Patent No. 6449562 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Chandler, Van S.
APPLICANT: Fulton, Jerrold R.
APPLICANT: Fulton, Jerrold R.
APPLICANT: Chandler, Mark B.
TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus and Method FILE REFERENCE: 112802.500
CURRENT EPPLICATION NUMBER: US/09/000,286A
CURRENT FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: PCT/US96/16198
PRIOR FILING DATE: 1996-10-10
NUMBER OF SEQ ID NOS: 34
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APPLICANT: Chandler, Van S.
APPLICANT: Fulton, Jerrold R.
APPLICANT: Chandler, Mark B.
APPLICANT: Chandler, Mark B.
TITLE OF INVENTION: Multiplexed Analysis of Clinical Specimens Apparatus
FILE REFERENCE: 112802.500
CURRENT APPLICATION NUMBER: US/09/000,286A
CURRENT FILING DATE: 1998.08-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Luminex Corporation APPLICANT: Chandler, Van S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: PCT/US96/16198 PRIOR FILING DATE: 1996-10-10
                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
nes 15; Conserv
                                                                                                                                                                                                                                                                                     3703 TCTCCTGCCTCTCAAGG 3719
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                                                                                                                                                                                                                                                                                                                                                     Score 13.8;
Pred. No. 6
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Pred. No. 6.2e+02;
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RESULT 902
US-09-422-978-6365
; Sequence 6365, Application
; Patent No. 6537751
; GENERAL INFORMATION:
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US-09-422-978-5068/c
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-33
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-14-21
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 5068
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5068, Application US/09422978 Patent No. 6537751
                                                                                                                                                                                                                              Matches
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SEQ ID NO 4081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
PILE REFERENCE: GENEST.020CP1
CURRENT APPLICATION NUMBER: US(09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
TANTITON TO TANTON NUMBER: US 60/109,732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
APPLICANT: Cohen, Daniel
                                                                                                                                                                                                                                                                                                           FEATURE: primer_bind
LOCATION: 1.18
OTHER INFORMATION: upstream amplification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
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                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: upstream amplification primer 99-13215 for SEQ 147,
                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                                                                                                           1175 AAATCAGAGAAAGAGAG 1191
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                                                                                                                                                    AAATGAGAGAAGGAGAG 1
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                                                        US/09422978
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Pred. No. 6.
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Pred. No. 6.2e+02;
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CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION UNMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER REPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6365
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                                                                                                                                            ; LOCATION: 1..18 T
; OTHER INFORMATION: downstream amplification primer 99-4193 for US-09-422-978-11314
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-24
EARLIER FILING DATE: 1998-14-21
EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 11314, Application US/09422978 Patent No. 6537751
                                                                           Matches
                                                                                          Query Match
Best Local
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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                     FEATURE: primer_bind
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LOCATION: 1..18
COTHER INFORMATION: upstream amplification primer 99-10974 for SEQ 2431,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
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                                                                                                                                                                                                                                                                  TYPE: DNA
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                                   806 CATTCCCCTACAGCCCA 822
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 CATTCTCCTTCAGCCCA
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Pred. No. 6
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Pred. No. 6.2e+02
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RESULT 904 US-09-422-978-11394 ; Sequence 11394, Application US/09422978

as a R. Speed, Salas sales

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IENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4001
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RESULT 906
US-09-371-772B-4032
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US-09-371-772B-4001
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
                                                                                                                                                                                           Matches
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LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Bscobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions |
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REPERSUCE: MedhBoO, 976-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1995-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR PILING DATE: 1995-10-26
PRIOR PILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOPTMARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OP INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GERNSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo Sapiens
FEATURE:
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-5059 for SEQ 3529, in compleme
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Local Similarity 64.7%;
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Local Similarity 88.2%;
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                                                                                                                                            4802 TCAGCAGCTGAAGTATC 4818
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Pred. No. 6.2e+02;
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Pred. No. 6.2e+02;
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PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
SEQ ID NO 4032
LENGTH: 18
TYPE: RNA
ORGANISM: MLS SP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-371-772B-4032
                                                                                                                                                           RESULT 908
US-09-738-444A-24
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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-298A-30
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US-09-679-298A-30/c
GENERAL INFORMATION:
APPLICANT: Jack, William E.
APPLICANT: Schildkraut, Ira
APPLICANT: Menin, Julie F.
APPLICANT: Greenough, Lucia
TITLE OF INVENTION: Use of Site-Specific Nicking Endonucleases to Create
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 47
SEQ ID NO 30
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 30, Application US/09679298A Patent No. 6566131
                                                                                                                   Sequence 24, Application US/09738444A Patent No. 6660475
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local
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                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of
TITLE OF INVENTION: Levels of Vascular Endothelial Growth F
FILE REFERENCE: MBHB00, 876-J (237/198)
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005, 974
PRIOR PILING DATE: 1995-10-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION FILE REFERENCE: RTS-0045 CURRENT PEPLICATION NUMBER: US/09/679,298A CURRENT FILING DATE: 2001-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Pavco, Pam APPLICANT: McSwiggen, Jim APPLICANT: Stinchcomb, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                            Local Similarity 88.2%;
es 15; Conservative
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Pred. No. 6.
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Pred. No. 6.
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RESULT 910
US-09-239D-45
; Sequence 45, Application US/09529239D
; Patent No. 6734019
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                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Oligonucleotide primer US-09-032-438C-97
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Artificial Sequence: Theoretical
; OTHER INFORMATION: sequences - all randomly generated
US-09-738-444A-24
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                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 97
LENGTH: 18
TYPE: DNA
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 24
LENGTH: 18
TYPE: """
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APPLICANT: Sun, Hui
APPLICANT: Sun, Liv
APPLICANT: Lupki, James
APPLICANT: Nathans, Jerem
APPLICANT: Anderson, Kent
APPLICANT: Leppert, Wark
APPLICANT: Leppert, Wark
APPLICANT: Singh, Michael
APPLICANT: Singh, Nanda
APPLICANT: Singh, No. 6
APPLICANT: Singh, Mod, Phi
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                         Matches
                                                                                                                                                                                                         Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify TITLE OF INVENTION: ATP-Binding Cassette Transporter FILE REFERENCE: BYLR-0065
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: NEB-180
CURRENT APPLICATION NUMBER: US/09/738,444A
CURRENT FILING DATE: 2000-12-15
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                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                           3686 AACTCTTGTGCGTGCCT 3702
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                                                                                                                  17 AGCTCTTGTGCCTGCCT 1
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Shroyer, No. 6713300h
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Dean, Michael
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                                                                                                                                                                                       Conservative
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88.2%;
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Pred. No. 6.2e+02;
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Pred. No. 6.
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6.2e+02;
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CURRENT APPLICATION NUMBER: US/99/529/239D
CURRENT FILING DATE: 2000-10-27
PRIOR APPLICATION NUMBER: PCT/EP98/06977
PRIOR FILING DATE: 1998-10-09
NUMBER OF SEQ ID NOS: 100
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 45
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA; ORGANIEM: Homo sapiens; ORGANIEM: Homo sapiens; FEATURE: FEATURE; NAME/KEY: misc feature; OTHER INFORMATION: Antisense primer for beta-IG-H3 reporter gene US-09-865-879-44
                                                                    US-09-544-398B-422
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                                                                                                              RESULT 912
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Sequence 422, Application US/09544398B Patent No. 6770461
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Patent No. 6767705
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Best Local Similarity
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Best Local Similarity
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APPLICANT: Doutriaux,
APPLICANT: Betzner,
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 60/207,535
PRIOR ETLING DATE: 2000-05-26
NUMBER OF SEQ ID NOS: 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Roninson, Igor
APPLICANT: Dokmanovic, Milos
APPLICANT: Dokmanovic, Milos
APPLICANT: Dokmanovic, Milos
APPLICANT: Chang, Bey-Dih
TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION
TITLE OF INVENTION: REGULATED BY RETINOIDS
FILE REFERENCE: 99,216-H
FILE R
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APPLICANT: Perez, Pascal
TITLE OF INVENTION: METHOD FOR OBTAINING PLANT VARIETIES
FILE REFERENCE: A33153-PCT-USA 072667.0128
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Pred. No. 6.2e+02
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Pred. No. 6.2e+02
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GENERAL INFORMATION:
APPLICANT: Carulli,
APPLICANT: Little,

John P. Randall D.

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FILE REFERENCE: 11658
CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
FRIOR APPLICATION NUMBER: PN8386
PRIOR FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 45
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 27
LENGTH: 18
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US-09-544-398B-422
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CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
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SOPTHARE: PastSEQ for Windows Version 4.0
SEQ ID NO 422
LENGTH: 18
TYPE: DNA
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                                                                                                     Sequence 73, Application PC/TUS9103680 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                               Matches 15;
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Best Local Similarity
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APPLICANT: Holton, Timothy A.
APPLICANT: Michael Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
APPLICANT: Matteucci, Mark D. APPLICANT: Krawczyk, Steven TITLE OF INVENTION: SEQUENCE-TITLE OF INVENTION: CROSSLINK TITLE OF INVENTION: DUPLEX DN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.3%;
Local Similarity 88.2%;
les 15; Conservative
                                                                                                                                                                                                                                                                    5392 TAAAAAATACAAAAA 5408
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                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                              0.3%;
                   , Steven
SEQUENCE-SPECIFIC NONPHOTOACTIVATED
CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
    DUPLEX DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 13.8; D
Pred. No. 6.2e
0; Mismatches
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Pred. No. 6
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Query Match
Best Local Similarity
Thes 15; Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPB: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                             Sequence 63, Application US/08255892 Patent No. 5695926
                                                                                                                                  APPLICANT: MABILAT, CLAUDE
APPLICANT: MANDRAND, BERNARD
TITLE OF INVENTION: PROCEDUROE
TITLE OF INVENTION: SEQUENCE B
TITLE OF INVENTION: TECHNIQUE
NUMBER OF SEQUENCES: 113
                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
                                                                                                                                                                                                                      APPLICANT: ALLIBERT, PATRICE APPLICANT: MALLET, FRANCOIS APPLICANT: MABILAT, CLAUDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Ploppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 415-327-7250
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                            APPLICANT:
            COUNTRY: US
ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Morrison & Foerster STREET: 545 Middlefield Road, Suite CITY: Menlo Park
                                           STREET: 1100 NEW CITY: WASHINGTON STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: modified_base LOCATION: 18
OTHER INFORMATION: /mod_OTHER INFORMATION: /note
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: P
FILING DATE: 19910524
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 415-327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 4610-0011.40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                   ADDRESSEE: CUSHMAN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       5397 AAATACAAAAAAGAAAA 5413
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                                                                                   1100 NEW YORK AVENUE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                           BAITIBE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.3%;
                                                                                                                                                     PROCEDURE FOR DETECTION OF A NUCLEOTIDE SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION TECHNIQUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mod_base= OTHER
/note= "N4,N4-ethanocytosine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mod_base= OTHER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note=
                                                                                   DARBY & CUSHMAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PCT/US91/03680
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Pred. No. 6.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   "5-methylcytosine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
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RESULT 916
US-08-379-680-7
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                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/379,680
FILING DATE: Aprl 4, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.3%; Score 13.8; Best Local Similarity 88.2%; Pred. No. 6.
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PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/834,543
PILING DATE: 11-FEB-1992
ATTORNEY/AGENT INFORMATION:
NAME: DEAVER, DONALD B.
REGISTRATION NUMBER: 23,048
REFERENCE/DOCKET NUMBER: 1032/94109
TELEPHONE: 202-861-3000
TELEPHONE: 202-861-3000
TELEPHONE: 202-861-3000
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/
FILING DATE: July 26, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Wazburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: 6714627 CUSH INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Housman,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
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                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: FILING DATE:
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COMPUTER: II
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             David E.
                                                                                                                   PCT/US94/08473
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                      223/112
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 7, Patent No.
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Best Local Similarity
                                                                                                                                                                                                        PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/602,506

FILING DATE: 20-FEBRUARY-1996

APPLICATION NUMBER: 08/531,864

FILING DATE: 21-SEPTEMBER-1995

PRIOR APPLICATION NUMBER: 08/373,636

FILING DATE: 17-JANUARY-1995

PRIOR APPLICATION NUMBER: 08/253,503

FILING DATE: 3-JUNE-1994

APPLICATION NUMBER: 08/253,503

FILING DATE: 3-JUNE-1994

APPLICATION NUMBER: 30,946

REGISTRATION NUMBER: 30,946

REGISTRATION NUMBER: 109 5436

TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                    TELEFAX: (212) 838-388
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANNEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM
OPERATING SYSTEM: PC-DC
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Herman, Jean; Coulle, Pierre;
APPLICANT: Boon-Falleur, Thierry; van der Bruggen, Pierre
APPLICANT: Luescher, Immanuel.
TITLE OF INVENTION: Tumor Rejection Antigens Presented By
TITLE OF INVENTION: HLA-B44 Molecules, And Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
FEATURE:
NAME/KEY:
                                     MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: 10022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/0 FILING DATE: 06-FEB-1997 CLASSIFICATION: 435
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                                                         LENGTH: 19 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                        TELEPHONB: (212) ...
TELEPHONB: (212) 838-3884
TTELEPHONB: (212) 838-3884
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: New York City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
TOPOLOGY: lin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  B: Felfe & Lynch
805 Third Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Herman, Jean; Coulie, Pierre;
Boon-Falleur, Thierry; van der Bruggen, Pierre;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                  (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Diskette, 3.5 inch, 360 kb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (213) 489-1600
                                       nucleic acid
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US-08-832-877-25
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US-08-832-883-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-832-883-25
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                                                                                           Sequence 25, Application US/08832877 Patent No. 5840506 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 25, App...
No. 580768
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                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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APPLICANT: Giordano, Antonio
APPLICANT: Baldi, Alphonso
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS
TITLE OF INVENTION: OF CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                    IELEFAX: (215) 568-5549
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: MONACO, DANIEl A
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 8321
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-8383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                             APPLICANT: Giordano, Antonio
TITLE OF INVENTION: METHODS FOR THE DIAGNOSIS AND PROGNOSIS
TITLE OF INVENTION: CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: SEIDEL, GONDA, LAVORGNA & MONACO, P.C.
STREET: Suite 1800 Two Penn Center Plaza
                CORRESPONDENCE ADDRESS:
                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Philadelphia
 ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
                                                                                                                                                                                                                                   1988 ATTTCTACAGATATTTC 2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4691 AGTCCTGGGACCGGAAG
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                                                                                                                                                                                                              ATTTCTACAGAAATTGC 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/08832883
                                                                                                                                                                                                                                                                                                                                                                                                                          19 base pairs
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                                                                                                                                                                                                                                                                             Conservative
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SEIDEL, GONDA, LAVORGNA & MONACO, P.C.
                                                                                                                                                                                                                                                                                                                                                           DNA (genomic)
                                                                                                                                                                                                                                                                                           0.3%;
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Pred. No. 6
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Pred. No. 6.5e+02;
                                                                                                                                                                                                                                                                               Mismatches
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                                                                                                                                                                                                                                                                                       6.5e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIPICATION: 436
ATTORNEY/AGENT INFORMATION:
NAME: MODACO, Daniel A
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 8321-13 US2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-8383
TELEPAX: (215) 568-5549
INFORMATION FOR SEQ ID NO: 25:
                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ABCLI (text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/525,864/
FILING DATE: 8-SEP-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: KATA, Catherine J.
REGISTRATION UMBER: 41,106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 16, Application US/08525864A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 591232
               TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: HUTELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Cerebellum-deri-
TITLE OF INVENTION: Related thereto
NUMBER OF SEQUENCES: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity hes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: \propto S Suite 1800 Two Penn Center Plaza CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                   STATE: Massachusetts
                                                                                                                                                                                                                                                                                                                                                 STREET: 28 St
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: UZIP: 19102
                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1988 ATTTCTACAGATATTTC 2004
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28 State Street
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ilarity 88.2%;
Conservative
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                                                  (617) 227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Cerebellum-derived Growth Factors, and Uses
                                                                                                                                                                                US/08/525,864A
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Pred. No. 6.
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Best Local Similarity
Matches 15; Conserva
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                                                                                                                          US-08-531-864-7
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                                                              Matches
                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 5977300 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/531,864
FILING DATE: 21-September-1995
CLASSIFICATION: 436
PRIOR APPLICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION NUMBER: 08/253,503
FILING DATE: 3-UNUE-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 5977300man D.
                                                                                                                                                                                                                                 TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM
OPERATING SYSTEM: PC
                                                                                                                                                        MOLECULE TYPE: nucleic acid FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry TITLE OF INVENTION: Isolated No. 5977300a- and DecTITLE OF INVENTION: Bind to HLA-B44 Molecules And
                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: LU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                 NAME: Hanson, No. 59
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                       NAME/KEY:
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                             4691 AGTCCTGGGACCGGAAG 4707
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AGTATTGGGACCGGAAG 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                805 Third Avenue
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ilarity 88.2%;
Conservative
                                                              Conservative
                                                                                                                                                                                       linear
                                                                                                                                       PCR primer
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                                                                           0.3%;
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                                                                                                                                                                                                                                                                                                                                               30,946
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                                                            Score 13.8; D
Pred. No. 6.5e
0; Mismatches
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Pred. No. 6
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                                                                         6.5e+02
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                                                          Gaps
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US-08-373-636C-7
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Patent No. 5997870
                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                      Sequence 11,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (212) 688-920
TELEPAX: (212) 838-3804
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Daniel CAPUT
APPLICANT: Pascale CHALON
APPLICANT: Pascual FERRARA
APPLICANT: Vita NATALIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 08/253,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: HANSON, NO. 5997870man D.
REGISTRATION NUMBER: 30,946
REFERENCS/DOCKET NUMBER: LUD 5378
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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APPLICANT: Coulie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 805 Third Avenue CITY: New York City
STATE: New York
                                                                                     TITLE OF INVENTION: Type 2 Neurotensin Receptor
TITLE OF INVENTION: (hNT-R2)
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS: Jacobson, Price, Holman & Stern, PLLC
STREET: 400 Seventh Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: nucleic acid
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CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
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                                                 CITY: Washington STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
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                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                4691 AGTCCTGGGACCGGAAG 4707
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                                                                                                                                                                                                                                                                                                                                                                                                 3 AGTATTGGGACCGGAAG
                  20004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity
                                                                                                                                                                                                                                                                                                    Application US/08858876A
                                   USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Coulie, Pierre; Boon-Falleur, Thierry
VENTION: Isolated Nucleic Acid Molecules Which Codes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PCR primer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
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Pred. No. 6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6.5e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 19;
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SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION UNMER: US/08/858,876A
FILING DATE: 19-SEP-197
CLASSIFICATION DATA:
APPLICATION NUMBER: PCT/FR 9723204
FILING DATE: 1-MAR-1997
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
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US-08-967-454-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.3%; Score 13.8; DB 1; Best Local Similarity 88.2%; Pred. No. 6.5e+02; Matches 15; Conservative 0; Mismatches 2;
COMPUTER: ISM COMPATIBLE
COMPUTER: ISM COMPATIBLE
COMPUTER: ISM COMPATIBLE
OPERATING SYSTEM: ISM P.C. DOS 5.0
SOFTWARE: FASESEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,454
FILING DATE: NO. 6054273ember 11, 1997
CLASSIFICATION: 435
PRIOR APPLICATION UMBER: 08/379,680
FILING DATE: Aprl 4, 1995
CLASSIFICATION NUMBER: PCT/US94/08473
APPLICATION NUMBER: PCT/US94/08473
APPLICATION NUMBER: PCT/US94/08473
APPLICATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/239
TELEOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: INH
TITLE OF INVENTION: OF
TITLE OF INVENTION: THE
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: sir
TOPOLOGY: linear
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               32 TEGGAGCCAGCAGCCCG 48
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RESULT 925
US-08-602-506A-7
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VS-08-602-506A-7
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Best Local Similarity
Matches 15; Conserv
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Patent No. 6060257
Query Match 0.3%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/531,864
FILING DATE: 21-SEPTEMBER-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6060257man D.
REGISTRATION NUMBER: 30,946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                             TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Herman,
                                                                                                               MOLECULE TYPE: nucleic acid FEATURE:
                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: LUITELECOMMUNICATION INFORMATION: TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Diskette,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Herman, Jean; Coulle, Pierre;
APPLICANT: Boon-Falleur, Thierry; van der Bruggen, Pierre;
APPLICANT: Luescher, Immanuel.
TITLE OF INVENTION: Tumor Rejection Antigens Presented By HLA-
TITLE OF INVENTION: B44 Molecules, And Uses Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/602,506A FILING DATE: 20-FEBRUARY-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: New York City
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DDRESSEE:
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JER: LUD 5436
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Pred. No. 6.5e+02;
   Score 13.8; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 2
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                                     DB 1;
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Patent No. 6103465
GENERAL INFORMATION:
                                                                                                                                                                                                                                                   Sequence 15, Applia Patent No. 6103465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Leslie
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INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: Windows 3.10/DOS 6.20
SOFTWARE: Microsoft Word for Windows, vers. 6.0
CURRENT APPLICATION DATA:
ADDITORY
                                                                                                                   APPLICANT: Leslie Johnston-Dow, Robert B. Chadwick, Peter Parham
TITLE OF INVENTION: Method and reagents for typing HLA class I genes
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESS:
Paul D. Grossman, Perkin-Elmer Corp., Applied Biosystems Division
ADDRESSEE: Paul D. Grossman, Perkin-Elmer Corp.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Paul D. Grossman
REGISTRATION NUMBER: 36,537
REFERENCE/DOCKET NUMBER: 425
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 638-5846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
ATTORNEY/AGENT INFORMATION:
COMPUTER READABLE FORM:
                                                           STREET: 850 Lincoln Centre Drive CITY: Foster City STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Paul D. Grossman, Perkin-Elmer Corp., Applied Biosystems Division STREET: 850 Lincoln Centre Drive CITY: Foster City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/538,666
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                         1566 GGAAGCCTGGGGGAGAG 1582
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                                       USA
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88.2%; Pred. No. 6.5e+02
ative 0; Mismatches
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HLA class I genes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/08946732 Patent No. 6124120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                            TELEFAX: (404)873-8795
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415) 638-6071
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                 FILING DATE:
CLASSIFICATION: 435
ATTORNBY/AGENT INFORMATION:
NAMB: Pabst, Patrea L.
REGISTRATION NUMBER: 31,26
REFERENCE/DOCKET NUMBER: 3
                                                                                                                                                                                                                                                   ZIP: 30306-3450
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Windows 3.10/DOS 6.20
SOFTWARE: Microsoft Word for Windows, vers. 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/53A ecc
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Paul D. Grossman
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 42
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Patrea L. Pabst
STREET: 2800 One Atlantic Center
STREET: 1201 West Peachtree Street
CITY: Atlanta
            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
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COMPUTER: IF
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                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
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STRANDEDNESS:
                                                                                                   TELEPHONE:
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                                                                                                     (404)873-8794
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3.5 inch diskette
single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Multiple Displacement Amplification
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                                                                                                                                                                                                                                          US/08/946,732
                                                                                                                                                   31,284
                                                                                                                                       PTT19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 13.8; DB 1; Length 19; Pred. No. 6.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOPTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A FILING DATE: 19-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIOR APPLICATION DATA:
                                                                                                                                                       APPLICATION NUMBER: US 08/911,312
PILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,951
PILING DATE: 14-AUG-1997
                                                                                                                                                                                                                                                  APPLICATION NUMBER: 09-MAY-: PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compostible
OPERATING SYSTEM: PC-DOS/MS-DOS
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DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER
                                                                                       FILING DATE: 14-AUG-1997 PRIOR APPLICATION DATA:
                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                     FILING DATE: 06-MAY-PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 25-APR-1997 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
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Local Similarity 88.2%;
les 15; Conservative
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|||| ||| |||||||
17 GCAGTTGATGTATCAAC 1
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6166178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 T: Harley, Calvin B.
T: Andrews, William H.
INVENTION: Human Telomerase Catalytic Subunit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              California
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Chapman, Karen B.
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09-MAY-1997
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                                                                                                                           US 08/915,503
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Pred. No. 6.5e+02;
0; Mismatches 2;
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TELEPHONE: (212) 688-9200
TELEPAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 7, Application US/09266294
Patent No. 6171806
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PRIOR APPLICATION NUMBER: US/08/531,864
APPLICATION NUMBER: US/08/531,864
FILING DATE: 21-September-1995
APPLICATION NUMBER: 08/373,636
FILING DATE: 17-JANUARY-1995
PRIOR APPLICATION DATA:
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SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
creammerrance
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                                                                                                                                      APPLICATION NUMBER: 08/253,503
FILING DATE: 3-JUNE-1994
ATTORNEY/AGENT INFORMATION:
NAME: HARBOR, NO. 6171806man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKST NUMBER: LUD 53
                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/266,294
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Disketto
COMPUTER: IBM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry
TITLE OF INVENTION: Isolated No. 6171806a- and Decapeptides Which
TITLE OF INVENTION: Bind to HLA-B44 Molecules And The Use Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: New York City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
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805 Third Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Diskette, 3.5 inch,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01-OCT-1997
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                                                                                                                                          LUD 5378.3
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Pred. No. 6.5e+02;
0; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.44 MB storage
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; MOLECULE TYPE: US-09-092-077-17
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Best Local Similarity
Marches 15; Conserve
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                                                                                                                            TELEFAX: (202)408-4400 INFORMATION FOR SEQ ID NO:
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MOLECULE TYPE:
FEATURE:
                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US 08/160,465
FILING DATE: 02-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 8912371
FILING DATE: 20-SEP-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Montagnier, Luc
TITLE OF INVENTION: Nucleotide Sequences Derived From The
TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
TITLE OF INVENTION: Of The Diseases Due To Those Viruses
                                                                                                                                                                                                                                                           FILING DATE: 06-FEB-1989 ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
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                          STRANDEDNESS: sir
                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 02:
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/472,928 FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/092,077 FILING DATE:
                                                                                                                                                                                                                       NAME: Meyers, Kenneth REGISTRATION NUMBER: '
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE:
                                                                                                                                                                TELEPHONE:
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                                                                     nucleic acid
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ilarity 88.2%;
Conservative
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                                                                                                                                                                  (202) 408-4000
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                  DNA (genomic)
                                                    single
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                                                                                                                                                                                                      02356.0062-02000
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Pred. No. 6.
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6.5e+02;
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                                                                                                                                                 US-09-215-221-45
                                                                                                                                                                 RESULT 933
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                                                                                              GENERAL INFORMATION:
                                                                                                                 Sequence 45, Application US/09215221 Patent No. 6265562
                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No. 6245333
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                 Query Match
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           APPLICANT: BILERS, MARTIN
APPLICANT: BUERGIN, ANDREA
APPLICANT: SEDLACEK, HANS-HARALD
APPLICANT: SEDLACEK, HANS-HARALD
TITLE OF INVENTION: NUCLEIC ACID CONSTRUCTS WHOSE ACTIVITY IS AFFECTED BY
TITLE OF INVENTION: INHIBITORS OF CYCLIN-DEPENDANT KINASES AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: nucleic FEATURE: NAME/KEY: PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/373,636
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6245333man D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Coulie, Pierre; Boon-Falleur, Thierry
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Which Codes
                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 805 Third Avenue CITY: New York City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                 4691 AGTCCTGGGACCGGAAG 4707
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1523 GGGCTGCTGGAATTGGG 1539
                                                                                                                                                                                                                                                                                15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18 GGGCTGCTGGAAATGTG 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     l Similarity
15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (212) 688-9200
026083/0192
                                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
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                                                                                                                                                                                                                                                                                                 0.3%;
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
                                                                                                                                                                                                                                                                                     Mismatches
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MEDIUM TYPE: Floppy disk

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RESULT 935
US-09-472-880-11
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; Sequence 4, Application US/09489869A
; Patent No. 6268151
; GENERAL INFORMATION:
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SEQ ID NO 45
LENGTH: 19
TYPB: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 88
SEQ ID NO 4
SEQ ID NO 4
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                              Sequence 11, Application US/09472880
Patent No. 6274333
GENERAL INFORMATION:
APPLICANT: Daniel CAPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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CURRENT FILING DATE: 1998-12-18
PRIOR APPLICATION NUMBER: 19756 975.7
PRIOR FILING DATE: 1997-12-20
NUMBER OF SEQ ID NOS: 57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SUBAN MUTTAY
APPLICANT: Lex M. COWBERT
APPLICANT: Lex M. COWBERT
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RTS-0110
CURRENT PEPLICATION NUMBER: US/09/489,869A
CURRENT FILING DATE: 2000-01-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: PCR Primer
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                                                                                                   NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS: Jacobson, Price,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1739 TCTTCATCCTCGATGGT 1755
ZIP: 20004
COMPUTER READABLE FORM:
                                                                                                                                                           TITLE OF INVENTION: Type 2 Neurotensin Receptor (hNT-R2)
                                                                                                                                                                                                                                                                                                                                                                                                                            3116 AGACCCTGACCGAGCTG 3132
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                                               STREET: 400 Seventh Street CITY: Washington STATE: D.C.
                                  COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                           Pascale CHALON
Pascual FERRARA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.3%; Score 13.8; DB 1; Length 19; 88.2%; Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                        Holman & Stern, PLLC
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; SEQUENCE DESCRIPTION: SEQ ID NO: US-09-472-880-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Lizardi, Paul
TITLE OF INVENTION: Mult
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09397915
Patent No. 6280949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                      TELEFAX: (404)873-8795
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                            PILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: PABSE, PALTES I.
REGISTRATION NUMBER: 31,284
REFERENCE/DOCKET NUMBER: YULL
TELECOMMUNICATION INFORMATION:
TELECHIONE: (404)873-8794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Player, William E.
REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 11:
                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/397,915
                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Atlanta
STATE: Georgia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Patrea L. Pabst
STREET: 2800 One Atlantic Center
STREET: 1201 West Peachtree Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 30306-3450
                TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local
                                                    ENGTH:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PStentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/472,880
FILING DATE: 28-Dec-1999
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/FR 9723204 FILING DATE: 17-MAR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH: 19
                                                        19 base pairs
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ilarity 88.2%;
Conservative
linear
                single
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Pred. No. 6.
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GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
PRIOR FILING DATE: 1997-09-10
PRIOR FILING DATE: 1997-09-10
SOPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 53
LENGTH: 19
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; ORGANISM: H.
US-09-144-367-53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-144-367-53/c
                                       US-09-018-125-3
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                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/018,125A
CURRENT FILING DATE: 1999-02-03
EARLIER APPLICATION NUMBER: 60/044,507
EARLIER FILING DATE: 1997-04-21
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3
LENGTH: 19
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Best Local Similarity
Matches 15; Conserv
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     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                              APPLICANT: Silverman, Robert H.
APPLICANT: Kondo, Seiji
APPLICANT: Cowell, John K.
APPLICANT: Li, Gaiying
APPLICANT: Torrence, Paul F.
APPLICANT: TOrrence, Paul F.
APPLICANT: TORRENCION: RNASE L ACTIVATORS AND ANTISENSE OLIGONUCLEOTIDES
TITLE OF INVENTION: EPFECTIVE TO TREAT TELOMERASE-EXPRESSING MALIGNANCIES
FILE REFERENCE: 8656-022
                                                    OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide
                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
HYPOTHETICAL: 1
ANTI-SENSE: NO
                                                                                        FEATURE:
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o. 6468983
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Pred. No. 6
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Pred. No. 6.5e+02;
   Score 13.8;
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Length 19;
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GENERAL INFORMATION:
                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 216:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UDATA:
US 08/851,843
FILING DATE: 06-MAY-1997
                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/844,419
                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/846,017
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APPLICANT:
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                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                               ATTORNBY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKST NUMBER: 01:
                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-0CT-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
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TOPOLOGY: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 14-AUC CLASSIFICATION: 43
                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 0 FILING DATE: 18-APR-1997 CLASSIFICATION: 435
                             STRANDEDNESS:
                                             TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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Harley, Calvin
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Chapman, Karen B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                 linear
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RESULT 941
US-09-755-665-74
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                                                      SOFTWARE: PatentIn Ver. SEQ ID NO 74
                                                                                                                                                                                                                                                                                                                                                     Sequence 74, Application US/09755665
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches 15;
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                                                                                                                                                                                                                               APPLICANT:
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                    PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
PRIOR FILING DATE: 2000-01-06
NUMBER OF SEQ ID NOS: 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  atent No. 652.
                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/755,665
CURRENT FILING DATE: 2001-08-14
                                                                                                                                                                         APPLICANT: MacDougall, John
TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
FILE REPERENCE: 15966-631
                                                                                                                                                                                                                                                                                                                    ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ
                                                                                                                                                                                                                                                                                                    APPLICANT: Prayaga, Sudhirdas K.
                                                                                                                                                                                                                                                                                                                                         atent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: primer_bind
LOCATION: 1..19
COTHER INFORMATION: upstream amplification primer 99-2007 for SEQ 1060.
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                    TYPE: DNA
ORGANISM: Artificial Sequence
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                                      ENGTH: 19
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Local Similarity 88.2%;
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                                                                                                                                                                                                                                                               Majumder, Kumud
Taillon, Bruce E.
                                                                                                                                                                                                                               Spaderna, Steven K. Spytek, Kimberly A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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Pred. No. 6
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Pred. No. 6
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Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-402-181B-449/c
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
Matches 15; Conserv
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                                                          INFORMATION FOR SEQ ID NO: 449:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDCIUM TYRE: FLORDY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentIn Release #1.0, Vere
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,1818
                                                                         NAME: Ausenhus, Scott L.
REGISTRATION NUMBER: 42,271
REPERENCE/DOCKET NUMBER: 015389-002620US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
                                      SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2950 CTGAAGGAGCTGGACCT 2966
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STATE: California
                                                                                                                                                                                                                                                                  FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PILING DATE: 29-Sep-1997
CLASSIFICATION: <Unknown>
TYPE: nucleic acid
                                                                                                                                                                                                                              APPLICATION NUMBER: WO P
FILING DATE: 01-OCT-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/851,843 FILING DATE: 06-MAY-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/846,017 FILING DATE: 25-APR-1997
                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08/912,951
                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/911,312
                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08/854,050
                                                                                                                                                                                                                                                                                                                                                      'ILING DATE: 14-AUG-1997
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Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
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Pred. No. 6
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                                                                                                                                                                                                                                                 PCT/US97/17885
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US-09-721-456-449/c
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Patent No. 6617110
GENERAL INFORMATION:
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OTHER INFORMATION: /note= "TCP1.78 primer"
SEQUENCE DESCRIPTION: SEQ ID NO: 449:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/721,456
FILING DATE: 22-No. 6617110-2000
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: DNA
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APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
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LOCATION:
FILING DATE: 01-OCT-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
                                                                                              FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
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OPERATING SYSTEM: PC-DOS/MS-DOS
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STATE: California
                                                          APPLICATION NUMBER: WO PCT/US97/17618 FILING DATE: 01-OCT-1997
                                                                                                                                                                                    APPLICATION NUMBER: US 08/854,050 FILING DATE: 09-MAY-1997 APPLICATION NUMBER: US 08/911,312 FILING DATE: 14-AUG-1997
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                                                                                                                                                              APPLICATION NUMBER: US 08/912,951
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Chapman, Karen B.
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Pred. No. 6.5e+02;
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Best Local (
                                                                                                                        INFORMATION
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; SEQUENCE DESCRIPTION: SEQ ID NO: 449: US-09-721-456-449
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Patent No. 6642034
GENERAL INFORMATION:
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                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/397,915
PILING DATE: «Unknown»
APPLICATION NUMBER: 08/946,732
PILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                             CCASSIFICATION: - CUnknown>

COMPUTER: 1BM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/911,226
FILING DATE: 23-Jul-2001
CLASSIFICATION: - CUnknown>
                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (404)873-8794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4683 CTTGAGCCAGTCCTGGG 4699
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REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
                                                                             SEQUENCE CHARACTERISTICS:
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ADDRESSEE: Patrea L. Pabst
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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              LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                              NAME: Pabst, Patrea L. REGISTRATION NUMBER: 31, REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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1201 West Peachtree Street
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OTHER INFORMATION:
TOPOLOGY: linear
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N FOR SEQ ID NO:
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                                                                                                                      (404)873-8795
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Multiple Displacement Amplification
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Pred. No. 6.
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RESULT 945
US-09-155-885A-64/c
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Best Local Similarity 88.2%;
                                                                    Matches
                                                                                                     Query Match
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 64:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-Oct-1998
CLASSIFICATION OF CLASSIFICATION OF CLASSIFICATION PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
APPLICATION NUMBER: ED 96870053.4
FILING DATE: 19-APR-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                               ATTORNEY AGENT INC.

NAME: SADOPF, B.J.

REGISTRATION NUMBER: 36,663
REFERENCE, DOCKET NUMBER: 2551
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4100
                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
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                                  1522 GGGCTGCTGGAATTGG 1538
                                                                                                                                                       SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                           ANTI-SENSE: NO
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 18
                                                                    15; Conser
                                                                                                                                                                                                                                       LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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ZIP: 22201-4714
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CITY: ARLINGTON
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Pred. No. 6.5e+02;
                                                                  Score 13.8; DB 1;
Pred. No. 6.5e+02;
0; Mismatches 2
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                                                                                                     DB 1;
                                                                                                   Length 19;
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RESULT 946

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SEQ ID NO 92
LENGTH: 19
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CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 744
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
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GENERAL INFORMATION:
                                                                                                                                                   Sequence 797, Application US/09696791 Patent No. 6770633
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Patent No. 6770633
                                                                                                                                GENERAL INFORMATION:
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Best Local :
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Best Local
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APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
NUMBER OF SEQ ID NOS: 4523
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OP INVENTION: RIBOZYME THERAPY FOR THE
TITLE OP INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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les 15; Conserv
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Pred. No. 6.5e+02;
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Pred. No. 6.
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                                                                             TREATMENT OF PROLIFERATIVE
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RESULT 950
US-09-696-791-2496
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; OTHER INFORMATION: Cdk7 ribozyme binding site
US-09-696-791-798
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                                                                                                              SOFTWARE: Pat
SEQ ID NO 2496
LENGTH: 19
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Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
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Best Local Similarity
Matches 15; Conserv
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LENGTH: 19
 Query Match
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Best Local (
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APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                             TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE TITLE OF INVENTION: SKIN AND EYE DISEASES FILE REFERENCE: 480124-407
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SOFTWARE: Pat
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ORGANISM: Homo sapiens
                                                                ORGANISM: Homo sapiens FEATURE:
                                                                                                  TYPE: DNA
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                                               OTHER INFORMATION: Cyclin F ribozyme binding site
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Pred. No. 6.5e+02;
0; Mismatches 2;
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Pred. No. 6.5e+02;
0; Mismatches 2;
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2573
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
PEATURE:
PEATURE:
                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: PATENTIN VET. 2.0
SEQ ID NO 3393
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US-09-696-791-3393/c
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GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
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                                                              Matches
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Best Local Similarity
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Best Local Similarity
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TYPB: DNA
ORGANISM: Homo sapiens
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                                                                                                                           FEATURE:
OTHER INFORMATION: Cyclin B1 ribozyme binding
                             4703 GGAAGTGCAAAGATGGA 4719
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Pred. No. 6
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Pred. No. 6.5e+02
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RESULT 953 US-09-696-791-3394/c ; Sequence 3394, Application US/09696791

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US-09-696-791-3750/c
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US-09-696-791-3394
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE TITLE OF INVENTION: AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 3750
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Bapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 3750, Application US/09696791 Patent No. 6770633
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
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FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: PATENTIN Ver. 2.0

SEQ ID NO 3394
                                                                                                                                                                                                   Sequence 3751, Appendix No. 677063
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Best Local Similarity
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Best Local (
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OTHER INFORMATION: Cdc25 hs ribozyme binding site
-09-696-791-3750
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                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OP INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT FALICATION NUMBER: US/09/696,791
CURRENT FILLING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Robbins, Joan I
APPLICANT: Tritz, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 19
TYPB: DNA
ORGANISM: Homo sapiens
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al Similarity 88.2%;
15; Conservation
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                                                                                                                                                                                                                   Application US/09696791
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Pred. No. 6.5e
0; Mismatches
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Pred. No. 6.5e+02;
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US-08-973-857-6/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 3751 ;
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                                            Query Match
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: EMRICH, Thomas
APPLICANT: LEYING, Hermann
                                                                                                                                                                                  TELEFAX: (202) 638-48
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: line-
                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: DE 1
FILING DATE: 24-OCT-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 19544317.9
FILING DATE: 28-NOV-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/973,857
FILING DATB: 29-DEC-1997
CLASSIFICATION: 435
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COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
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                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 638-5000
                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: I
FILING DATE: 11-AUG-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS: Nikaido, Marmelstein, Murray & Oram LLP
STREET: 655 Fifteenth St., NW
                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: METHOD FOR THE DETECTION OF TITLE OF INVENTION: POLYMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: HINZPETER, Matthias APPLICANT: KARL, Gerlinde
0.2%;
Local Similarity 77.8%;
hes 14; Conservative
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                                                                                                                                                                                                                                                  NAME: Berman, Richard J.
REGISTRATION NUMBER: 39,107
REFERENCE/DOCKET NUMBER: P564-7031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      963 CTGGAGAGAAATCTCTG 979
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                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER: PCT/EP96/05245
11-AUG-1997
                                                                                                                                                                                                                                                                                                                        UMBER: DE 19644302.4
24-OCT-1996
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                            Score 13.6; DB 1; Length 19; Pred. No. 7.1e+02;
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Pred. No. 6.5e+02
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              Indels
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APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION
FILE REFERENCE: RTS-0086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 5, Application US/08142785
Patent No. 5434257
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Best Local Similarity 80.0%;
Matches 16; Conservative
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CURRENT FILING DATE: 1999-07-19
NUMBER OF SEQ ID NOS: 47
                                                                             TELEFAX: (415) 578-920
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                          APPLICATION NUMBER: US/08/142,785
PILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/ACENT INFORMATION:
NAME: MUZENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
NUMBER OF SEQUENCES: 13
CORRESSONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES
                                     SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                            TELEPAX: (415) 578-9264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 353 Lakeside Drive CITY: Foster City
  STRANDEDNESS:
                       TYPE:
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              i: 15 base pairs nucleic acid
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single
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                                             Sequence 7, Application US/08142785
PATCHI NO. 5434257
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
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GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                      Query Match
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TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 16;
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
                                                                                                                                                                                                                                                                                                                                    Local
                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE: 26-OCT CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                               1186 AGAGAGAGAGAAA 1200
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14; Conservative
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
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US-08-142-785-8
                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PALICATION DATA:
APPLICATION MUMBER: US/08/142,785
FILING DATE: 26-OCT-193
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION MUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (41.5) 574-3000
TTELEPHONE: (41.5) 574-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 8, Application US/08142785 Patent No. 5434257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 6.3e+02;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEPAX: (415) 578-9264
TELEPAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 7:
                   TELEFAX: (415) 578-9264 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: GILEAD SCIENCES STREET: 353 Lakeside Drive CITY: Foster City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 353 Lakeside Drive CITY: Foster City STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1182 AGAAAGAGAGAGAGA 1196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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                                                          US-08-142-785-10/c
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Sequence 10, Application US/08142785
Patent No. 5434257
GENERAL INFORMATION:
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIN Release #1.0, Version #1.25
SOPTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
PILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
                                                                                                                                                                                                          Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 543425
                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (415) 574-30
TELEPAX: (415) 578-9264
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
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TOPOLOGY: lir
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                                                                                                                                                                    1182 AGAAAGAGAGAGAGA 1196
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                                                                                                                                                                                                                         Score 13.4; DB 1;
Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
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APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING

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RESULT 964
US-08-142-785-11/c
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Best Local Similarity
Watches 14; Conserve
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NAMMS: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDENNESS: sindle
                                                                                                                                                                                                                                                                                                                                                             Patent No.
                                                                                                                                                                                                                                                                                                                                                                  Sequence 11, Application US/08142785 Patent No. 5434257
                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRATURE: misc_difference LOCATION: replace(11, "")
OTHER INFORMATION: /note= "
OTHER INFORMATION: with a
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                  APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINNING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                           NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
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NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                   COUNTRY: U:
ZIP: 94404
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/0 FILING DATE: 26-OCT-1993 CLASSIFICATION: 536
                                                                                                                         STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_difference
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY:
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Foster City
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%; Score 13.4; DB 1;
93.3%; Pred. No. 6.3e+02;
ative 0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /note= "This position is thymidine
with a 3'-allyl ether substitute linkage."
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with a 3'-allyl ether substitute linkage."
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEPAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,
FILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYLD.
REGISTRAATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 12, Application US/08142785 Patent No. 5434257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COM
TITLE OF INVENTION: UNSATURATED
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILFAD SCIENCES
STREET: 353 Lakeside Drive
CITY: Foster City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,785
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc difference
LOCATION: replace(13, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-allyl sulfide substitute link..."
                                                                                                                                                                                                                                                                                                                                                                                                                   STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-allyl sulfide substitute link..."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 26-OCT-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BINDING COMPETENT OLIGOMERS CONTAINING UNSATURATED 3',5' AND 2',5' LINKAGES
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Pred. No. 6.3e+02;
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US-08-142-785-13/c
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                                                                                                                                                                                 TELEFAX: (415) 578-9264
INFORMATION FOR SEQ ID NO: 13
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: Bingle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 13, Application US/08142785 Patent No. 5434257
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                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC COMPARTIBLE
COMPUTER: IBM PC COMPARTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALENTIN Release #1.0, Version #1.25
SOFTWARE: PALENTIN DATA:
APPLICATION NUMBER: US/08/142,785
PILING DATE: 26-OCT-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 169.2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 574-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MATTEUCCI, MARK D.
APPLICANT: CAO, XIAODONG
TITLE OF INVENTION: BINDING COMPETENT OLIGOMERS CONTAINING
TITLE OF INVENTION: UNSATURATED 3',5' AND 2',5' LINKAGES
                                                        FEATURE:
NAME/KEY: misc difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note= "This position is thymidine
OTHER INFORMATION: with a 3'-propyl sulfide substitute linkage."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
  NAME/KEY:
LOCATION:
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LOCATION: replace(13, "")
OTHER INFORMATION: /note=
OTHER INFORMATION: with a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KBY: misc_difference
LOCATION: replace(11, "")
OTHER INFORMATION: /note=
OTHER INFORMATION: with a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94404
                                                                                                                                                                    TOPOLOGY:
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misc_difference
replace(13, "")
                                                                                                                                                                        linear
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93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note= "This position is thymidine
with a 3'-propylether substitute linkage."
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with a 3'-propylether substitute linkage."
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Pred. No. 6.3e+02;
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US-07-799-824-1/c
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                                                                                                                                       US-07-799-824-1
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                                                                 Matches 14;
                                                                                                    Query Match
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                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: MUTABhige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 2461
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION WIMBER: US/07/799,824
PILING DATB: 19911126
CLASSIFICATION: 536
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                              FEATURE:
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TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
TITLE OF INVENTION: Containing Modified Pyrimidines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                          TELEFAX: 91.
TELEFAX: 91.
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CITY: Menlo Park
STATE: California
COUNTRY: USA
                                                                                                                                                       NAME/KEY: misc_feature LOCATION: 1
OTHER INFORMATION: /no
OTHER INFORMATION: and
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OTHER INFORMATION:
                                                                                   Local Similarity
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TOPOLOGY: 11:
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                                                                   Conservative
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                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                             single
                                                                                   0.2%;
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with a 3'-propyl sulfide substitute linkage."
                                                                                                                                                       /note= "T corresponds to thymine
and C corresponds to 5-methylcytosine."
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                                                                                   Score 13.4; DB 1;
Pred. No. 6.3e+02;
                                                                     Mismatches
                                                                                                        DB 1;
                                                                                                    Length 15
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RESULT 968 US-07-799-824-2/c ; Sequence 2, Application US/07799824

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US-07-799-824-3/c
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Patent No. 5484908
GENERAL INFORMATION:
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Best Local Similarity
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GENERAL INFORMATI
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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NAME/KEY:
LOCATION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
                                                                                                                                 TITLE OF INVENTION: Enhanced Triple-Helix and TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides TITLE OF INVENTION: Containing Modified Pyrimidines NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
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TITLE OF INVENTION:
                                                                                                                                                                                                                 APPLICANT: Froehler, Brian APPLICANT: Jones, Robert J.
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OTHER INFORMATION:
OTHER INFORMATION:
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TELEFAX: 415-327-2951
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CLASSIFICATION: 536
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                STATE: California COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
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94025
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 6.3e+02; tive 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note= "U corresponds to
5-propynyl uracil, T corresponds to thymine, and
C corresponds to 5-methylcytosine."
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LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
TYPE: NUCLEIC ACID
                                           COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILING DATE: 19911126
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUTASHIGE, Kate H.
REGISTRATION NUMBER: 29,959
REGISTRATION NUMBER: 29,959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Approx. No. 5484908
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Jones, Robert J.
TITLE OF INVENTION: Enhanced
TITLE OF INVENTION: Double-He
TITLE OF INVENTION: Containi
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: MUTASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.00
REFERENCE/DOCKET NUMBER: 24610-20035.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
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OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                         STREET: 545 Middlefield CITY: Menlo Park
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TELEPAX: 415-327-2951
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                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Morrison & Foerster
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93.3%;
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Pred. No. 6.3e+02;
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RESULT 971
US-07-799-824-5/c
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Best Local Similarity 93.3%;
Matches 14; Conservative
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                                                      Matches
                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                              TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: MUZBBhige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 2461
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILING DATE: 19911126
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Froehler, Brian
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: Enhanced Triple-Helix and
TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides
TITLE OF INVENTION: Containing Modified Pyrimidines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                NAME/KEY: misc_feature
LOCATION: 2
LOCATION: /note= "C corresponds to
OTHER INFORMATION: 5-propynylcytosine."
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STREET: 545 Middlefield Road, &
CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: NUCLEIC ACID
                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                          LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: California
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1182 AGAAAGAGAGAGAGA 1196
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                                                      Conservative
                                                                                                                                                                                                                             linear
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Pred. No. 6.3e+02;
                                                                   Score 13.4; DB 1; Length 15;
Pred. No. 6.3e+02;
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                                                      Mismatches
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US-07-799-824-6
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US-07-799-824-7/c
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                                                                                                                                                                                                                                                          Sequence 7, Application US/07799824 Patent No. 5484908
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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APPLICANT: Froehler, Brian
APPLICANT: Jones, Robert J.
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TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Froehler, Brian
APPLICANT: Jones, Robert J.
TITLE OF INVENTION: Enhanced
TITLE OF INVENTION: Containir
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LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILLING DATB: 1991126
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: MUTASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94025
COMPUTER READABLE FORM:
                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
                                                                                                                           TITLE OF INVENTION: Enhanced Triple-Helix and TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides TITLE OF INVENTION: Containing Modified Pyrimidines NUMBER OF SEQUENCES: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
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           STATE: C
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                                                 STREET: 545 Middlefield Road, Suite 200 CITY: Menlo Park
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Local Similarity 93.3%;
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94025
                                 California
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Pred. No. 6.3e+02;
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Patent No. 5484908
GENERAL INFORMATION:
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TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.2%; Score 13.4; DB 1; Length 15; Best Local Similarity 93.3%; Pred. No. 6.3e+02; Matches 14; Conservative 0; Mismatches 1; Indels
                                                         TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                    CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUTAShige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 2461
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
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MEDIUM TYPE: Floppy (
COMPUTER: IBM PC com)
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REGISTRATION NUMBER: 29,959
REGISTRACION NUMBER: 240
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Enhanced Triple-Helix and TITLE OF INVENTION: Double-Helix Formation Directed by Oligonucleotides TITLE OF INVENTION: Containing Modified Pyrimidines
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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TELEPHONE: 415-327-2951
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FILING DATE: 19911126
CLASSIFICATION: 536
                                                                                               TELEFAX:
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F: 545 Middlefield Road, Suite 200
Menlo Park
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                                                                                                   415-327-2951
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Jones, Robert J
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Query Match
Best Local Similarity
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Best Local Similarity 93.3%;
Matches 14; Conservative
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/799,824
FILING DATE: 19911126
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 29,4610-20035.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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TOPOLOGY: lin
FEATURE:
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TBLEFAX: 706141
                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: 11
OTHER INFORMATION: /note= "U corresponds to
                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                       STRANDEDNESS:
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OTHER INFORMATION: /note= "U corresponds to bdU."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1182 AGAAAGAGAGAGAGA 1196
                            1182 AGAAAGAGAGAGAGA 1196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15 AAAAAGAGAGAGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      94025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        California
                                                                                                                                                                                                                                                                                                                                          415-327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Jones, Robert J.

VENTION: Enhanced Triple-Helix and
VENTION: Double-Helix Formation Directed by Oligonucleotides
VENTION: Containing Modified Pyrimidines
                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Froehler, Brian
                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                     single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        single
                                                                               0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Release #1.0, Version
                                                                                                                                                                                                                                                                                                            9
                                                               <u>,</u>
                                                                               Score 13.4; DB 1;
Pred. No. 6.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.4; DB 1;
Pred. No. 6.3e+02;
                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
                                                                                               Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 15;
                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <u>,</u>
                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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US-07-874-334-15/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARB: PATENTIN Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/874,334
PILING DATE: 19920424
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: (415) 494-079
TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                  PEATURE: misc_difference
NAME/KEY: misc_difference
LOCATION: replace(5..6, "")
OTHER INFORMATION: /note= "
OTHER INFORMATION: 3'-forma
                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(4, "")
OTHER INFORMATION: /note=
OTHER INFORMATION: 5-methy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: JONES, BOB
APPLICANT: LIN, KUBI-YING
TITLE OF INVENTION: OLICONUCLEOTIDE ANALOGS
TITLE OF INVENTION: THIOFORMACETAL LINKAGES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: misc difference
LOCATION: replace(2, "")
OTHER INFORMATION: /note=
OTHER INFORMATION: 5-methy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNBY/AGENT INFORMATION:
NAME: MURABIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20005.24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (415) 813-5600
  PEATURE:
                                                                                                                                                                                                                                                                                                                                               NAMB/KRY: misc difference
LOCATION: replace(3..4, "")
OTHER INFORMATION: /note= "This position indicates
OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
                                       NAME/KBY: misc_difference
LOCATION: replace(6, "")
OTHER INFORMATION: /note= "This position is
OTHER INFORMATION: 5-methyl-C'."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_difference
LOCATION: replace(1..2, "")
OTHER INFORMATION: /notes "This position indicates
OTHER INFORMATION: 3'-formacetal 5'-SCH2O-3' neutral linkage."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 15 base pai
TYPE: NUCLEIC ACID
STRANDEDNESS: sing)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 755 Page Mill Road CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (415) 494-0792
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misc_difference
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       single
                                                                                                                                                 /note= "This position indicates
3'-formacetal 5'-SCH2O-3' neutral linkage."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note= "This position is 5-methyl-C'."
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                                                                                                                                                                                                                                                         5-methyl-C'
                                                                                                                                                                                                                                                                             /note= "This
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                                                                                                                                                                                                                                                                           position is
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                                                                                                                                                ZIP: 94304-1018

COMPUTER READABLE FORM:
MEDIUM TYPE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARBE: PAtentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/874,334
FILING DATE: 19920424
CLASSIFICATION: 536
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/07874334
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 549500
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20005.24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEPAX: (415) 494-0792
                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: JONES, BOB
APPLICANT: LIN, KUEI-YING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION:
OTHER INFORMATION:
PRATURE:
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OTHER INFORMATION: /note= "
OTHER INFORMATION: 3'-forma
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING TITLE OF INVENTION: THIOFORMACETAL LINKAGES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FBATURB:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MATTEUCCI, MARK
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OTHER INFORMATION: /note= "T
OTHER INFORMATION: 3'-formac
                                                                                                                                                                                                                                                                                                                                                                               STREET: 755 Page N
CITY: Palo Alto
STATE: California
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IOCATION: replace(13..14, "")
OTHER INFORMATION: /note= "This position indicates
OTHER INFORMATION: -OCH2O- neutral linkage."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc difference
LOCATION: replace(11..12, "")
OTHER INFORMATION: /note= "This position indicates
OTHER INFORMATION: -OCH2O- neutral linkage."
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LOCATION: replace(10, "")
OTHER INFORMATION: /note "This position is
OTHER INFORMATION: 5-methyl-C'."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_difference
LOCATION: replace(8, "")
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                           755 Page Mill Road
                                                                                                                                                                                                                                                                                                                                                                  USA
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3'-formacetal 5'-SCH2O-3' neutral linkage."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note= "This position 5-methyl-C'."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /note= "This position indicates
3'-formacetal 5'-SCH2O-3' neutral linkage."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 13.4; DB 1;
Pred. No. 6.3e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
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RESULT 978
US-07-874-334-17/c
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                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: MATTEUC
APPLICANT: JONES,
APPLICANT: LIN, KU
                                                                                                                                                                                                                                                                                                                 Sequence 17, Application US/07874334 Patent No. 5495009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local (
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NAME/KEY: misc_difference
LOCATION: replace(1..2, "")
OTHER INFORMATION: /note= "TF
OTHER INFORMATION: diester li
FEATURE:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE: misc_difference
NAME/KEY: misc_difference
LOCATION: replace(5..6, "")
OTHER INFORMATION: /note= "'
OTHER INFORMATION: diester
                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
                                                                                                                                                                                             APPLICANT: LIN, KUBI-YING
TITLE OF INVENTION: THIOFORMACETAL LINKAGES
TITLE OF INVENTION: THIOFORMACETAL LINKAGES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:

NAME/KEY: misc_difference
LOCATION: replace(7..8, "")
OTHER INFORMATION: /note= "
OTHER INFORMATION: diester
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_difference
LOCATION: replace(13..14, "")
OTHER INFORMATION: /note= "This position indicates
OTHER INFORMATION: diester linkage."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: replace(11..12, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: diester linkage."
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LOCATION:
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LOCATION: replace(9..10, "")
OTHER INFORMATION: /note= "This position indicates
OTHER INFORMATION: diester linkage."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KBY: misc difference
LOCATION: replace(3..4, "")
OTHER INFORMATION: /note= "This position indicates
OTHER INFORMATION: diester linkage."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 15 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                           CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: Sir
TOPOLOGY: linear
                                          ZIP:
                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1182 AGAAAGAGAGAGAGA 1196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14;
                                                                                                                                                                                                                                                                                                                                                                                                                                       15 AAAAAGAGAGAGAGA 1
                                        94304-1018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  h 0.2%; Score 13.4; DB 1; Similarity 93.3%; Pred. No. 6.3e+02;
                                                                                                                                                                                                                                                        JONES,
                                                                                                                                                                                                                                                                            MATTEUCCI, MARK
                                                             USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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diester linkage."
                                                                                                                                                                                                                   OLIGONUCLEOTIDE ANALOGS CONTAINING
                                                                                                                                                                            18
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diester linkage."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        16:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1; Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              indicates
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RESULT 979
US-07-874-334-18/c
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LOCATION: replace(1..2, "")
OTHER INFORMATION: formacetal linkage."
FEATURE:
NAME/KEY: misc_difference
LOCATION: replace(3..4, "")
OTHER INFORMATION: formacetal linkage."
FEATURE: misc_difference
LOCATION: replace(3..4, "")
OTHER INFORMATION: formacetal linkage."
FEATURE: infoRMATION: formacetal linkage."
                                                                                                                                                   Matches
                                                                                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
NAME/KEY: misc difference
LOCATION: replace(7..8, "
OTHER INFORMATION: /note=
OTHER INFORMATION: formace
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                         FEATURE:
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NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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TELEPHONE: (415) 813-5600
TELEPAX: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION: NAME: MURASHIGE, KATE H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (%--
TELEFAX: 706141
                                                                                                                                                                                                                                             NAME/KEY: misc_difference
LOCATION: replace(13..14, "")
OTHER INFORMATION: /note= "This position indicates
OTHER INFORMATION: formacetal linkage."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_difference
LOCATION: replace(5..6, "")
OTHER INFORMATION: /note= "OTHER INFORMATION: formacet
                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_difference
LOCATION: replace(11..12,
OTHER INFORMATION: /note=
OTHER INFORMATION: formace
                                                                                                                                                                        Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: UP
FILING DATE: 19920424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_difference
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                1182 AGAAAGAGAGAGA 1196
                                                                           15 AAAAAGAGAGAGAGA 1
                                                                                                                                                    14;
                                                                                                                                                      Conservative
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                                                                                                                                                                      0.2%;
93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                   /note= "This position indicates
formacetal linkage."
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/note= "This position
formacetal linkage."
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formacetal linkage."
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                                                                                                                                                                        Score 13.4; DB 1;
Pred. No. 6.3e+02;
                                                                                                                                                    Mismatches
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linkage."
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                                                                                                                                                                                       Length 15;
                                                                                                                                                      Indels
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                                                                                                                                                      Gaps
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Sequence 18, Application US/07874334
Patent No. 5495009
GENERAL INFORMATION:
APPLICANT: MATTEUCCI, MARK

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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/874,334
FILING DATE: 19920424
FILING DATE: 29,959
REGISTRATION NUMBER: 29,959
REGISTRATION NUMBER: 24610-2000
FILECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
FILEPAX: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE:

NAME/KEY: misc difference
LOCATION: replace(5..6, "")
OTHER INFORMATION: /note= "
OTHER INFORMATION: thioform
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LOCATION: replace(1..2, "")
OTHER INFORMATION: /note= "This position indicates a
OTHER INFORMATION: thioformacetal linkage."
FEATURE:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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CORRESPONDENCE MORRISON & FOERSTER
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                     PEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                                                                                                                                                                                                                                                     NAME/KEY: misc_difference
LOCATION: replace(9.10, "")
OTHER INFORMATION: /note= "T'
OTHER INFORMATION: thioforma
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TYPE: NUCLEIC ACID
STRANDEDNESS: single
NAME/KEY: misc_difference

LOCATION: replace(13..14, "")

COTHER INFORMATION: /note= "This position indicates

OTHER INFORMATION: thioformacetal linkage."
                                                                                                                            NAME/KEY: misc_difference
LOCATION: replace(11..12, "")
OTHER INFORMATION: /note "This position indicates
OTHER INFORMATION: thioformacetal linkage."
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LOCATION: replace(7..8, "")
OTHER INFORMATION: /note= "'
OTHER INFORMATION: thioform
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LOCATION: replace(3..4, "")
OTHER INFORMATION: /note= "'
OTHER INFORMATION: thioform
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thioformacetal linkage."
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thioformacetal linkage."
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thioformacetal linkage."
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Query Match

0.2%;

Score 13.4; DB 1;

Length 15;

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                                                                                                                                      RESULT 981
US-07-976-103A-6
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                                                                                                   Sequence 6, Application US/07976103A Patent No. 5645985
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                                                                                                                                                                                                                                                                            Matches 14;
                                                                                                                                                                                                                                                                                                             Query Match
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                                               GENERAL INFORMATION:
APPLICANT: FROEHL
APPLICANT: WAGNER
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOS/MS-DOS
SOPTMARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
CLASSIFICATION: 435
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APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MOI
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
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APPLICANT:
APPLICANT:
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STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
                                                                                                                                                                                                                                                                                           Match 0.2%;
Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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WAGNER, RICK
MATTEUCCI, MARK
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GUTIERREZ, ARNOLD J.
              MATTEUCCI, MARK
JONES, ROBERT J
                                                                                                                                                                                                                                                                            Conservative
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                                                 WAGNER, RICK
                                                                 FROEHLER, BRIAN
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Pred. No. 6.3e+02;
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                                                                                                                                                                                                                                                                                                               DB 1;
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                                                                                                                                                                                                                                                                                                             Length 15;
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US-07-976-103A-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 12, Application US/07976103A Patent No. 5645985
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMMBER: US/07/976,103A
FILING DATB: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                        TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEB: GILEAD SCIENCES, INC.
                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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MEDIOM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEB: GILEAD SCIENCES, INC. STREET: 353 Lakeside Drive CITY: Foster City
                                                                                                                                                                     STREET: 353 Lakeside Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (415) 573-4899
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                                                                                                                                    USA
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PUDLO, JEFF
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Pred. No. 6.3e+02;
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Best Local Similarity 93.3%; Pred. No. 6.3e+02
Matches 14; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
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                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT:
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REFERENCE/DOCKET NUMBER: 16.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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CITY: Foster City
STATE: California
                                  STRANDEDNESS:
                                                                    TYPE: nucleic acid
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TOPOLOGY:
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5645985
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MATTEUCCI, MARK
JONES, ROBERT J.
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PROBHLER, BY.
PROBHLER,
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linear
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RESULT 985
US-08-426-807-1/c
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US-07-976-103A-49
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                                                Sequence 1, Application US/08426807
Patent No. 5750673
GENERAL INFORMATION:
APPLICANT: Martin, Pierre
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TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: GILEAD SCIENCES,
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TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
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ZIP: 94404
                                                                                                                                                                                                                                                            0.2%; Score 13.4; DB 1; Length 15; Local Similarity 93.3%; Pred. No. 6.3e+02; nes 14; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                LENGTH: 15 base pairs
TYPB: nucleic acid
STRANDEDNESS: single
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JONES, ROBERT J.
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     having
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                Nucleosides and oligonucleotides having 2'-ether groups
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US-08-750-007-19
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 19,
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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MEDIUM TYPE: diskette-3.5 in
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
SOFTWARE: ASCII Text Editor
                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DDS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 31,635
REFERENCE/DOCKET NUMBER: FL/64-19923/A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 914-785-7127
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ATTORNEY/AGENT INFORMATION:
NAME: Mansfield, Kevin T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Ciba-Geigy Corporation/Patent Dept.
STREET: 520 White Plains Rd.
CURRENT APPLICATION DATA: APPLICATION NUMBER: US,
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APPLICATION NUMBER: US
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                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: 5
OTHER INFORMATION: /note= "modified sugar"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 10591-9005
                                                                                                                            ZIP: 22040-0747
                                                                                                                                                                               STREET: PO BOX 747
CITY: FALLS CHURCH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Tarrytown
                                                                                                                                           COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 20-APR-1995
                                                                                                                                                                                                 ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
STREET: PO BOX 747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1186 AGAGAGAGAGAAA 1200
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SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                     DNA FRAGMENT, RECOMBINANT VECTOR
CONTAINING THE SAME AND METHOD FOR EXPRESSING FOREIGN
GENES USING THE SAME
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 US/08/750,007
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Pred. No. 6.3e+02;
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 6.3e+02;
                                                                      SOFTMALE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including at PRIOR APPLICATION DATA: described be APPLICATION UMBER: 08/008,895
FILING DATE: Data: 07/989,849
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NUMBER: NOTE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
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TELEFAX: (703) 205-8050
INFORMATION FOR SEQ ID NO: 19:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: James McS.
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "primer"
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REFERENCE/DOCKET NUMBER: 0760-221P
TELECOMMUNICATION INFORMATION:
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NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
FELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
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STREET: 63
STREET: Su
                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Suite 4700
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/08311486C
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James McSwiger
James McSwiger
UENTION: RIBOZYME TREATMENT OF
VENTION: DISEASES OR CONDITIONS
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                                                                                                                                                                                                                                                                                    US/08/311,486C
                                                                                                                                                                                   including application described below:
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                                                          Matches
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Best Local Similarity 60.0%;
Matches 9; Conservative
                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 15 base pairs TYPE: nucleic acid
                                                                                                                                                                                                           TELEX: 706141
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,9
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Jones, Robert J.
TITLE OF INVENTION: MODIFIED INTERNUCLEOSIDE LINKAGES
NUMBER OF SEQUENCES: 7
                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-813-5600
TELEPAX: 415-494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                        Local
                                                                                                                                                  STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                             TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER:
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                                                                        Similarity
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                                                        Conservative
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                                                                                                                                                      linear
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                                                                                                                                    DNA (genomic)
                                                                                                                                                                 single
                                                                       0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 6.3e+02;
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                                                                                                                                                                                                                                                                                                                     29,959
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Pred. No. 6.
                                                            Mismatches
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. 6.3e+02;
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                                                                                                                                                                                                                                                                                       Sequence 4, Application US/08473481 Patent No. 5830653
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 6.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/892,902
FILING DATE: 01-UN-1992
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 706141
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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LENGTH: 15 base pairs
TYPE: nucleic acid
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MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: MITASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 246102004200
TELECOMMUNICATION INFORMATION:
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                                                                                                 CORRESPONDENCE ADDRESS
                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                 APPLICANT: GUTIERREZ, ARNOLD J.

APPLICANT: PUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                        APPLICANT:
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                            ADDRESSEE: GILEAD SCIENCES, INC
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Palo Alto
STATE: California
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94404
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755 Page Mill Road
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                                                                                                                                                                                                                    WAGNER, RICK
MATTEUCCI, MARK
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Jones, Robert J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matteucci,
                                                                                                                                                                                                    JONES, ROBERT J
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FILING DALL.

CLASSIFICATION 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKST NUMBER: 162.3D
TELECOMMUNICATION:
TELECOMMUNICATION: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                      Ś
                                                                                                                                                                                                                                                                                                                         US-08-473-481-6
                                                                                                                                                                                                                                                                                                                                           RESULT 991
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                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: FROSHLE
APPLICANT: MAGNER,
APPLICANT: MATTEUC
APPLICANT: JONES,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                    Sequence 6,
                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                     APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: FUDLO, JEFF
APPLICANT: FUDLO, JEFF
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 514
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PRIOR APPLICATION DATA:
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APPLICATION NUMBER: US 07/965,941
                   ADDRESSEB:
STREET: 3:
CITY: Fost
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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FILING DATE: 25-AUG-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                            1186 AGAGAGAGAGAGAAA 1200
Poster City
California
                                                                                                                                                                                                                                                                                                                                                                                                    AGAGAGAGAAAAA 15
                                                                                                                                                                                                                                                                                                     Application US/08473481
                                                                                                                                                                                                         WAGNER, RICK
MATTEUCCI, MARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                FROEHLER, BRIAN
                                                       GILEAD SCIENCES, INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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Pred. No. 6.3e+02;
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Patent No. 5830653
                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: FROEHLI
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                                                                                                                        APPLICANT:
                                                                                                                                                            APPLICANT:
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PRIOR APPLICATION DATA:
APPLICATION UMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SCIENCES, INC
STREET: 353 Lakeside Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 25-AUG-
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
                                                                    TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
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APPLICATION NUMBER: US 08/338,352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                     NUMBER OF SEQUENCES:
                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                              1182 AGAAAGAGAGAGAGA 1196
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                                                                                                      JONES, ROBERT J.
GUTIERREZ, ARNOLD J.
PUDLO, JEFF
                                                                                                                                                            WAGNER, RICK
MATTEUCCI, MARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                               FROEHLER, BRIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
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                                                                                                                                                                                             Sequence 40,
Patent No. 5
                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MURNCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                   APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 514
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 07/799,824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 514
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 07/965,941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
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PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/976,103
                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: UZIP: 94404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Foster City
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX:
                                                                                                                                                                                                                                                                                                                                  1182 AGAAAGAGAGAGAGA 1196
                                                                                                                                                                                                                                                                                                    1 AAAAAGAGAGAGAGA 15
                                                                                                                                                                                           0, Application US/08473481
5830653
                                                                                              WAGNER, RICK
MATTEUCCI, MARK
JONES, ROBERT J.
                                                                     GUTIERREZ, ARNOLD J. PUDLO, JEFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                          FROEHLER, BRIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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Pred. No. 6.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                        Length 15;
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                                                                                                                             Patent No. 5830653
GENERAL INFORMATION:
APPLICANT: FROEHLES
APPLICANT: WAGNER,
                                                                                                                                                                                                                   Sequence 49,
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                       -08-473-481-49
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APPLICATION UNMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 514
CLASSIFICATION: 514
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: MURNCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (4.15) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/976,103

PILING DATE: 25-NOV-1992

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/965,941

PRIOR DATE: 23-OCT-1992
APPLICANT: MATTEUCCI, MARK
APPLICANT: JONES, ROBERT J.
APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEPP
TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: GILEAD SCIENCES,
STREET: 353 Lakeside Drive
CITY: Poster City
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                               Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/0 FILING DATE: 07-JUN-1995 CLASSIFICATION: 514
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                                                                                                                                                                                                                                                                                                                                                                  1182 AGAAAGAGAGAGAGA 1196
                                                                                                                                                                                                                                                                                                                          15 AAAAAGAGAGAGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                               Similarity
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                                                                                                                                 WAGNER, RICK
                                                                                                                                                   FROEHLER, BRIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 6.3e+02;
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RESULT 995
US-08-173-489C-61
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                                                                                                                                      Sequence 61, Application US/08173489C Patent No. 5861244
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                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/965,941
FILING DATE: 23-OCT-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
CLASSIFICATION DATA:
10 07/935 444
                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
        APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A
TITLE OP INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OP INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAMB: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 16
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEPHAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: GILEAD SC
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           JAMEST: 353 Lakeside Drive CITY: Foster City STATE: Californian
                                                                                                                                                                                                                                                                                                                                       0.2%;
Local Similarity 93.3%;
les 14; Conservativo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 07/799,824 FILING DATE: 26-NOV-1991 CLASSIFICATION: 514
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Pred. No. 6.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                            DB 1;
                                                                                                                                                                                                                                                                                                                                                                                      Length 15;
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RESULT 996
US-08-173-489C-248
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; DATE: 1985
; RELEVANT RESIDUES IN SEQ ID NO: 61 :FROM 1 TO
US-08-173-489C-61
                                                                                                                             Sequence 248, Application US/08173489C Patent No. 5861244
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                             Matches 14; Conservative
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Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPAX: (attorney) (2
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: NO ANTI-SENSE: NO ORIGINAL SOURCE: ORGANISM: Homo
               APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OP INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OP INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          POSITION IN GENOME:
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STREET: 510 EAST
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DC
SOFTWARE: Wordperfect V
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE: Structural and evolutionary
TITLE: relationships among five members of the human
JOURNAL: Molecular and Cellular Biology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CHROMOSOME/SEGMENT: chromosome MAP POSITION: 2q33-q35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DESCRIPTION:
DESCRIPTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 10021.
 ADDRESSEE:
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PROFILE DIAGNOSTIC SCIENCES, INC.,
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                                                                                                                                                                                                                                                                                                                                       0;
                                                                                                                                                                                                                                                                                                                                                                Score 13.4; DB 1; Length 15; Pred. No. 6.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 997
                                                                                                                                                                                                                                                                                                                                                                               Sequence 2
Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (attorney) (212) 2
INFORMATION FOR SEQ ID NO: 248:
                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                  APPLICANT: Arnold, Lyle John, Jr.
APPLICANT: Harper, Mary Ellen
APPLICANT: WOOLF, Tod Mitchell
TITLE OF INVENTION: COMPOSITION AND METHODS OF
TITLE OF INVENTION: TREATMENT OF ANDROGEN-ASSOCIATED BALDNESS USING ANTISENSE
TITLE OF INVENTION: OLIGOMERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived
DESCRIPTION: 23s region in Seq ID
HYPOTHETICAL: yes
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LENGTH: 15 bases
TYPE: nucleic acid
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inc
OPERATING SYSTEM: DOS
SOPTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                NUMBER OF SEQUENCES: (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PUBLICATION INFORMATION:
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OPERATING SYSTEM: MS-DOS version (
SOPTWARE: Wordperfect Version 5.1
              COMPUTER: IBM CON
OPERATING SYSTEM:
SOPTWARE: FASTSEC
                                                                                                          COUNTRY: U
                                                                                                                                             STATE:
                                                                                                                                                              CITY: La
                                                                                                                                                                             STREET:
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FILING DATE: 22 DEC 1993
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                                                                                                                                                                                                 ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                 2, Application US/08483464
5. 5877160
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                                                                                                                                                                             E: Fish & Richardson, 4225 Excutive Square,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      510 BAST 73RD STREET,
                                                                                                                           USA
                                                                                                                                                            Jolla
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (attorney) (212) 708-1880 attorney) (212) 246-8959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MBER: US 07/968,436
29 OCT 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%;
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Pred. No. 6.
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                                                                                                                                                                                 P.C.
Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    248 : FROM 1 TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            from M. luteus
No. 5861244247
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                    COMPUTER: IBM COMPACTION:
COMPUTER: IBM COMPACTION:
OPERATING SYSTEM: DOS
SOFTWARE: FRANCSEQ FOR WINDOWS Version 2.0
CURRENT APPLICATION NUTA:
APPLICATION NUMBER: US/08/483,464
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/019,543
FILING DATE: 19-FEB-1993
APPLICATION NUMBER: 07/707,879
FILING DATE: 19-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: HAILS, Lisa A
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09596/001001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Applic Patent No. 5877160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/019,543
PILING DATE: 19-PEB-1993
APPLICATION NUMBER: 07/707,879
PILING DATE: 31-MAY-1991
ATTORNEY/AGENT IMPORMATION:
NAME: Haile, Lisa A
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 09596/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Arnold, Lyle John, Jr.
APPLICANT: Harper, Mary Ellen
APPLICANT: Woolf, Tod Mitchell
TITLE OF INVENTION: COMPOSITION ANI
TITLE OF INVENTION: TREATMENT OF AN
TITLE OF INVENTION: OLIGOMERS
NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 4225 Excutive Square, Suite 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 619-678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 42-CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U. ZIP: 92037
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                  TELEPHONE:
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619-678-5070
619-678-5099
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 6.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPOSITION AND METHODS OF TREATMENT OF ANDROGEN-ASSOCIATED BALDNESS USING ANTISENSE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 8, Application US/08740821 Patent No. 5910583
                                                                     Matches
                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Marks, Jeffrey R.
                                                                                                                                                                                                                                                                         TELEPHONE: 919-420-220
TELEFAX: 919-881-3175
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 5405
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-420-2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/740,821
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Iglehart, James D.
APPLICANT: Iglehart, James D.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS: Dark & Gibson, P.A
                                                                                                                                                             MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
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                                                                                  Local Similarity
                                                                                                                                                                                                STRANDEDNESS: Bir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 04-NOV-1996
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: Post UII
CITY: Charlotte
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A. STREET: Post Office Drawer 34009
                                                                                                                                                                                                                                                         ENGTH: 15 base pairs
                                1182 AGAAAGAGAGAGAGA 1196
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AAAAAGAGAGAGAGA 1
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                                                                     Conservative
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                                                                                                                                                                                                                     single
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                                                                                  0.2%; Score 13.4; DB 1
93.3%; Pred. No. 6.3e+02
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Pred. No. 6.3e+02;
                                                                       Mismatches
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                                                                                                       Length 15;
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                                                                     Gaps
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RESULT 1000 US-08-459-434-1/c

Sequence 1, Application US/08459434 Patent No. 5969116

GENERAL INFORMATION:

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REFERENCE/DOCKET NUMBER: 4-19;
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 277-3318
TELEFAX: (908) 277-4306
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                           Sequence 7, Application US/08863639A Patent No. 5981185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/459,434 FILING DATE: 02-UN-1995 CLASSIFICATION: 514 PRIOR APPLICATION DATA: APPLICATION NUMBER: CH 1467/93-4 FILING DATE: 12-MAY-1993 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/241,213 PRIOR APPLICATION NUMBER: US 08/241,213
                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                            APPLICANT: Matson, Robert S.
APPLICANT: Coassin, Peter J.
APPLICANT: Rampal, Jang B.
APPLICANT: Caskey, C. T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic oligonucleotide
DESCRIPTION: comprising a modified sugar"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 57 COLUMN TRANSFER STATE: New Jersey
COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 10-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ferraro, Gregory D.
REGISTRATION NUMBER: 36,1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                          TUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                      PHICANT: Caskey, C. T.
THE OF INVENTION: OLIGONUCLECTIDE REPEAT ARRAYS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                       COUNTRY: U
ZIP: 91101
                                                                             STATE:
                                                                                                            STREET:
                                                                                                              ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                             CITY: Pasadena
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ENGTH:
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Similarity 93.3%;
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                                                         USA
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Diskette, 3.50 inch, 1.44 Mb storage
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                                                                                                                Avenue,
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Pred. No. 6
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US-08-338-352-5
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              Sequence 5, Application US/08338352
Patent No. 6235887
GENERAL INFORMATION:
APPLICANT: FROBILER, BRIAN
APPLICANT: JONES, ROBERT J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
                                                                                                                                                                                                                                                                                              Best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 61, Application US/08832021 Patent No. 6045998
                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%; Score 13.4; Best Local Similarity 93.3%; Pred. No. 6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Prouty, S.
APPLICANT: Stemn, K.
APPLICANT: Stemn, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT EXPERIENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILLING DATE: 1997-04-02
CURRENT FILLING DATE: 1997-04-02
CURRENT FILLING DATE: 1997-04-02
CURRENT FILLING DATE: 1997-04-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      -08-832-021-61/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILLING DATE: May 28, 1997
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: JOSEPH E. Mueth
REGISTRATION NUMBER: 20,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
  TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                              Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 15 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                   5400 TACAAAAAAGAAAAA 5414
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ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
                                                                                                                                                                                                                                                                                          0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 6.3e+02;
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                                                                                                                                                                                                                                                                                                            Length 15;
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RESULT 1004
US-08-338-352-7
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                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application Patent No. 6235887
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PATENTIN Release #1.0, Ve:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 706141
NFORMATION FOR SEQ ID NO:
            ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 241
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:

MEDIUM TYPE: Ploppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                APPLICANT: JONES, ROBERT J.
TITLE OF INVENTION: ENHANCE
TITLE OF INVENTION: FORMATI
                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (415) 494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: MORRISON & FOERSTER STREET: 755 Page Mill Road CITY: Palo Alto STATE: California
                                                                                                                                                                                    STREET: 755 Page M
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 94304-1018
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1186 AGAGAGAGAGAAA 1200
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                                                                                                                                                                                                                               755 Page Mill Road
                                                                                                                                                                           USA
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                                                                                                                                                                                                                                                      MORRISON & FOERSTER
.4-NOV-1994
                                                                                                                                                                                                                                                                                                                                     ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX FORMATION DIRECTED BY OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PYRIMIDINES
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          US/08/338,352
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US-08-338-352-13
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Patent No. 6235887
                                                                                                                                    CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20035.20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                 TELEFAX: (415) 494-079
TELEX: 706141
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: JONES, RÓBERI
TITLE OF INVENTION: ENHI
TITLE OF INVENTION: PYRI
TITLE OF INVENTION: PYRI
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON &
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APPLICATION NUMBER: US 0'
PILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
FILING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 755 Page Mill Road CITY: Palo Alto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (415) 494-0792
           LENGTH: 15 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
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                                                                                                                         (415) 494-0792
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linear
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                                                                                        13:
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GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 633
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Altmann, Karl-Heinz
APPLICANT: Douglas, Mark B.
APPLICANT: Douglas, Mark B.
TITLE OF INVENTION: Intermediates for oligonucleotides
FILE REPERENCE: 4-20900/A/MA2134/PCT
CURRENT APPLICATION NUMBER: US/09/202,294
CURRENT FILING DATE: 1999-03-15
EARLIER APPLICATION NUMBER: PCT/GB97/01490
EARLIER APPLICATION NUMBER: PCT/GB97/01490
EARLIER PILING DATE: 1997-06-03
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1
LENGTH: 15
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                                                                                   US-09-081-646-23
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Patent No. 6339519
GENERAL INFORMATION:
APPLICANT: Collingwood, Stephen P.
APPLICANT: Moser, Heinz E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
Query Match 0.2%; Score 13.4; DB 1
Best Local Similarity 93.3%; Pred. No. 6.3e+02
Matches 14; Conservative 0; Mismatches
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Patent No. 6333152
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Best Local &
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                                                                                                  LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1186 AGAGAGAGAGAAA 1200
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Similarity 93.3%;
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Pred. No. 6.3e+02;
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                                        DB 1; Length 15;
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  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4,
                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
PILLING DATE: 26-NOV-1991
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                             INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 14-NOV-CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 536
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 536
PRIOR APPLICATION UDATA:
APPLICATION UDATA: US 07/965,941
FILING DATE: 23-OCT-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 12-FEI CLASSIFICATION: 53
                           TYPE: nucleic acid
                                                                                                                   TELEFAX:
                                                                                                                                                                                                                                                                                                             FILING DATE: 25 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 0 FILING DATE: 25-AUG-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Foster City
                STRANDEDNESS:
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MATTEUCCI, MARK
JONES, ROBERT J.
GUTIERREZ, ARNOLD J.
PUDLO, JEFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         353 Lakeside Drive
                                                                                                                     (415)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FROEHLER,
linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            07-JUN-1995
              single
                                                                                                                     573-4899
                                                                                                                                                                                                                                                                                                                                               US 07/935,444
                                                                                                                                                                                                                                                                                                                                                                                                                      US 08/338,352
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US-08-599-738A-6
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                                                                                                                                CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
PILING DATE: 14-NOV-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
PILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
PILING DATE: 26-NOV-1991
CLASSIFICATION: 536
PRIOR APPLICATION: 536
PRIOR APPLICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-PEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UMBER: US 08/473,481
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
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CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MURNCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.
TELECOMMUNICATION INFORMATION:
TELEPHONE: (4.5) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
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ADDRESSEE: GILEAD SO
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STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.2%; Score 13.4; DB 1; Length 15; 93.3%; Pred. No. 6.3e+02; tive 0; Mismatches 1; Indels
                                                 162.3D2
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US-08-599-738A-12
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GENERAL INFORMATION:
APPLICANT: FROEHL
                                                                                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
FILING DATE: 12-FEB-1996
CLASSIFICATION NUMBER: US 08/473,481
APPLICATION NUMBER: US 08/473,481
APPLICATION NUMBER: US 08/473,481
APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 07-JUN-1995
CLASSIFICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
CLASSIFICATION NUMBER: US 07/965,941
APPLICATION NUMBER: US 07/965,941
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/338,352
FILING DATE: 13-NOV-1994
CLASSIFICATION NUMBER: US 08/338,352
FILING DATE: 14-NOV-1994
CLASSIFICATION NUMBER: US 08/338,352
FILING DATE: 15-AUG-1992
CLASSIFICATION NUMBER: US 08/338,352
FILING DATE: 15-AUG-1992
CLASSIFICATION NUMBER: US 08/338,352
FILING DATE: 15-AUG-1992
CLASSIFICATION NUMBER: US 08/338,352
APPLICATION NUMBER: US 08/338,352
FILING DATE: 15-AUG-1992
CLASSIFICATION NUMBER: US 08/338,352
FILING DATE: 25-AUG-1992
CLASSIFICATION NUMBER: US 08/338,352
FILING DATE: 25-AUG-1992
CLASSIFICATION NUMBER: US 08/338,352
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APPLICANT:
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CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
                                                             CLASSIFICATION: 536
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: US 07/799,824
PILING DATE: 26-NOV-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94404
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MATTEUCCI, MARK
JONES, ROBERT J.
GUTIERREZ, ARNOLD J.
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93.3%;
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Pred. No. 6.3e+02;
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                                                                                                                                                                                                                               ARFELICATION: 136
CLASSIFICATION: 536
CRIOR APPLICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/473,481
APPLICATION: 536
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
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LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                'RIOR AFFLICATION NUMBER: US 0'/yb5,774.
APPLICATION 10MBER: US 0'/yb5,774.
FILING DATE: 23-OCT-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/338,352
                                                                                                                                                        CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 07/965,941
                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,738A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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REFERENCE/DOCKET NUMBER: 16:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      IIILE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
IIILE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
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                                                                                                                                                                                                                           APPLICATION NUMBER: US 0'
FILING DATE: 25-NOV-1992
                                                         APPLICATION NUMBER: US 0 FILING DATE: 14-NOV-1994 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: California
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                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1182 AGAAAGAGAGAGAGA 1196
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Similarity 93.3%;
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GUTIERREZ, ARNOLD J.
PUDLO, JEPF
VVENTTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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MATTEUCCI, MARK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Floppy disk
UMBER: US 07/935,444
25-AUG-1992
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Best Local Similarity
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                     APPLICATION NUMBER: US/UB/DDZ,....
FILLING DATE: 12-FEB-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/473,481
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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APPLICANT:
                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                        APPLICATION NUMBER: US 01
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
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ATTORNEY/AGENT INFORMATION:
NAME: MUDENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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APPLICATION NUMBER:
FILING DATE: 26-NOV-
                CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                       APPLICATION NUMBER: US 07/976,103 FILING DATE: 25-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 353 Lakeside Drive CITY: Foster City
                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JONES, ROBERT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WAGNER, RICK MATTEUCCI, MARK
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                                                    23-OCT-1992
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                                                                      US 07/965,941
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US 08/338,352
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US-09-400-502-23
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US-09-400-502-24
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Patent No. 6414127
GENERAL INFORMATION:
APPLICANT: Lin, Kuei-Ying
APPLICANT: Matteucci, Mark D.
APPLICANT: Matteucci, Mark D.
TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
FILE REFERENCE: GLIS0127
CURRENT PELICATION NUMBER: 09/966,392
PRIOR APPLICATION NUMBER: 09/966,392
PRIOR PILING DATE: 1997-11-07
Sequence 24, Application US/09400502
Patent No. 6414127
GENERAL INFORMATION:
APPLICANT: Lin, Kuei-Ying
                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                 Query Match
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 23
LENGTH: 15
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LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: No. 6414127el Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REFERENCE/DOCKET NUMBER: 162.3D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
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APPLICATION NUMBER:
FILING DATE: 25-AUG-
CLASSIFICATION: 536
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APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 536
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                                                                                                                                                                1182 AGAAAGAGAGAGAGA 1196
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Similarity 93.3%;
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93.3%; Pred. No. 6.3e+02
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Pred. No. 6.3e+02;
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FILE REFERENCE: GLISO127
CURRENT APPLICATION NUMBER: US/09/400,502
CURRENT FILING DATE: 1999-09-21
PRIOR APPLICATION NUMBER: 08/986,392
PRIOR FILING DATE: 1997-11-07
NUMBER OF SEQ ID NOS: 25
SOPTWARE: Patentin version 3.1
SEQ ID NO 24
LENGTH: 15
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US-08-906-378-2/c
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                                                                                                          Sequence 9, Application US/08906378B
PATENT NO. 6447998
GENERAL INFORMATION:
APPLICANT: Froehler, Brian C
APPLICANT: Gutierrez, Arnold J
APPLICANT: Matteucci, Mark D
TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
FILE REFERENCE: GLIS0113
CURRENT APPLICATION NUMBER: US/08/906,378B
CURRENT FILING DATE: 1997-08-05
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 15
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Best Local Similarity
Matches 14; Conserv
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/08/906,378B
CURRENT FILING DATE: 1997-08-05
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APPLICANT: Gutierrez, Arnold J
APPLICANT: Matteucci, Mark D
TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 9 SOFTWARE: PatentIn Ver.
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TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
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GENERAL INFORMATION:

APPLICANT: Froehler, Brian C.

APPLICANT: Gutierrez, Arnold J.

APPLICANT: Matteucci, Mark D.

ITITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides

FILE REFERENCE: GLISO142

CURRENT APPLICATION NUMBER: US/09/717,422

CURRENT FILING DATE: 2000-11-21

PRIOR APPLICATION NUMBER: 08/906,378

PRIOR APPLICATION NUMBER: 08/906,378

PRIOR PLING DATE: 1997-08-05

NUMBER OF EGG ID NOS: 9

SOFTWARE: Patentin version 3.1

SEQ ID NO 2
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US-09-475-947A-164/c
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                                                        ; OTHER INFORMATION: No. 6495672el Sequence US-09-717-422-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence: No. 6447998el Sequence US-08-906-378-9
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US-09-475-947A-164
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CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 164
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Winna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/09717422 Patent No. 6495672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 164, Application US/09475947A Patent No. 6472154
Query Match
Best Local Similarity
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Best Local
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                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                   LENGTH: 15
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Similarity 93.3%;
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0.2%;
93.3%;
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
Score 13.4; DB 1;
Pred. No. 6.3e+02;
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CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mchan, Yenkatraman
TITLE OF INVENTION: Guandidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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Best Local Similarity
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Matches
                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prasha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
                                                                                  OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc feature
LOCATION: (1)..[5]
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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93.3%;
                93.3%;
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Pred. No. 6.3e+02
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              Score 13.4; DB 1;
Pred. No. 6.3e+02;
Mismatches
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Indels
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                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Wohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: 1sis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
CURRENT FILING DATE: 2000-07-07
                                  NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 10
LENGTH: 15
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                           Sequence 10, Application US/09612531 Patent No. 6534639
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local (
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CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOPTWARE: Patentin version 3.1
                                                                                                                                           PRIOR APPLICATION NUMBER: 09/349,040 PRIOR FILING DATE: 1999-07-07
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APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLB OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: 1818-4406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
LOCATION: (9)..(9)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
LOCATION: (5)...(5)
OTHER_INFORMATION: T*=2'-O-[2-(guanidinium)ethyl)
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LOCATION: (2)...(2)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: T*=2'-0-[2-(guanidinium)ethyl)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc_feature
LOCATION: (13)..(13)
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OTHER INFORMATION: Oligonucleotide
ORGANISM: Artificial Sequence
FEATURE:
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Pred. No. 6.3e+02;
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US-09-612-531-15/c

GENERAL INFORMATION:
APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.

Mohan,

Venkatraman

Sequence 15, Application US/09612531 Patent No. 6534639 GENERAL INFORMATION:

RESULT 1024

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SEQ ID NO 14
LENGTH: 15
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Patent No. 6534639
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
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                                                                                                           Query Match
                                                                                                                                                                 OTHER INFORMATION: Oligonicleotide NAME/KEY: misc_feature LOCATION: (1)...(1)
OTHER INFORMATION: T*=2'-deoxy NAME/KEY: misc_feature LOCATION: (3)...(3)
OTHER INFORMATION: T*=2'-deoxy NAME/KEY: misc_feature LOCATION: (5)...(5)
OTHER INFORMATION: T*=2'-deoxy NAME/KEY: misc_feature LOCATION: (5)...(5)
OTHER INFORMATION: T*=2'-deoxy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cook, Philip Dan
APPLICANT: Prakaba, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLB OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (3)...(3)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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LOCATION: (5)...(5)
OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
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NAME/KEY: misc_feature
LOCATION: (1), (1)
OTHER INFORMATION: T*=2'-0-[2-(guanidinium)ethyl]
                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                       / Match 0.2%;
Local Similarity 93.3%;
nes 14; Conservative
                             1186 AGAGAGAGAGAAA 1200
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15 AGAGAGAGAGAAAA 1
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Pred. No. 6.3e
0; Mismatches
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Pred. No. 6.
                                                                                           6.3e+02;
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APPLICANT: Mancharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 16
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LOCATION: (3) ... (3)
OTHER INFORMATION: T*=2'-O-AE
NAME/KEY: misc feature
LOCATION: (5) ... (5)
OTHER INFORMATION: T*=2'-O-AE
US-09-612-531-15
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PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 15
                                                        Query Match
Best Local Similarity
                                        Matches
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Best Local Similarity
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FILE REFERENCE: Isis-4406
                                                                                                                                                                                                                                                OTHER INFORMATION: Oligonucleotide NAME/KEY: misc feature LOCATION: (1). (1) OTHER INFORMATION: T*=2'-O-AP*
                                                                                                                                                              NAME/KEY: misc_feature
                                                                                                                                                                                          OTHER INFORMATION: T*=2'-O-AP*
                                                                                                                                                                                                            NAME/KEY: misc_feature LOCATION: (3)..(3)
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ORGANISM: Artificial Sequence
                                                                                                                            LOCATION: (5). (5)
OTHER INFORMATION: T*=2'-O-AP*
                                                                                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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1186 AGAGAGAGAGAAA 1200
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                                    14;
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                                      Conservative
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                                                      Score 13.4; DB 1;
Pred. No. 6.3e+02;
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Pred. No. 6
                                      Mismatches
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US-09-612-531-17/c
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                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT PILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 17
                                                                                                                                     SOFTWARE: PatentIn version 3.1
SEQ ID NO 18
LENGTH: 15
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Best Local S
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APPLICANT: Manoharan,
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PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
                                                                                                                                                                                                                                                         PILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
FEATURE:
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
LOCATION: (2)...(2)
OTHER INFORMATION: T*=2'-deoxy
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OTHER INFORMATION: T*=2'-O-GB
NAMB/KEY: misc_feature
LOCATION: (5). (5)
OTHER INFORMATION: T*=2'-O-GE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (1)...(1)
OTHER INFORMATION: T*=2'-O-GE
NAME/KEY: misc_feature
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                                                                                                                        TYPE: DNA
                                                                                                  ORGANISM: Artificial Sequence
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Pred. No. 6.3e+02;
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APPLICANT: Cook, Philip Dan
APPLICANT: Cook, Philip Dan
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Prakash, Thazha P.
APPLICANT: Wohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 19
LENGTH: 15
TYDER: DNA
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US-09-612-531-19/c
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                                        GENERAL INFORMATION:
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                                                              Sequence 20, Appli
Patent No. 6534639
APPLICANT: Manoharan, Muthial APPLICANT: Cook, Philip Dan
                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (13)..(13)
OTHER INFORMATION: T*=2'-O-AB
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LOCATION: (5).-(5)
OTHER INFORMATION: T*=2'-O-AE
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LOCATION: (9)...(9)
OTHER_INFORMATION: T*=2'-deoxy
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ORGANISM: Artificial Sequence
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LOCATION: (13)..(13)
OTHER INFORMATION: T*=2'-deoxy
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LOCATION: (9)..(9)
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                                                                                 Application US/09612531
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: 1819-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 20
LENGTH: 15
                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods FILE REFERENCE: 1818-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 21
LENGTH: 15
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Best Local
                                                           OTHER INFORMATION: Oligonucleotide NAME/KEY: misc feature LOCATION: (2). (2)
OTHER INFORMATION: T*=2'-O-GE NAME/KEY: misc feature LOCATION: (5)...(5)
OTHER INFORMATION: T*=2'-O-GE NAME/KEY: misc feature LOCATION: (9)...(9)
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LOCATION: (5)..(5)
O'HER INFORMATION: T*=2'-O-AP*
NAME/KBY: misc_feature
LOCATION: (9)..(9)
O'THER INFORMATION: T*=2'-O-AP*
NAME/KBY: misc_feature
LOCATION: (13)..(13)
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APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
OTHER INFORMATION: T*=2'-O-GE NAME/KEY: misc_feature LOCATION: (13)...(13)
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LOCATION: (2)...(2)
OTHER INFORMATION: T*=2'-O-AP*
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                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                       TYPE: DNA
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Pred. No. 6.
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FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOPTWARE: Patentin version 3.1
SEQ ID NO 22
LENGTH: 15
                                       NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 23
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
                                                                                                                                                                                                                                                                                                                                                                                       Sequence 23, Application US/09612531
Patent No. 6534639
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Best Local (
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                                                                                                                                                                 APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Wohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers
FILE REFERENCE: Isis-4406
CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
FRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR TILING DATE: 1999-07-07
                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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LOCATION: (1) .. (5)
OTHER INFORMATION: T*=2'-deoxy
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Oligonucleotide
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc_feature
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14; Conservative
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93.3%; Pred. No. 6.
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                                                                                      CURRENT APPLICATION NUMBER: US/09/612,531
CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 25
                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha P.
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: 1815-4406
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 24
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Patent No. 6534639
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Best Local (
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Patent No. 6534639
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Best Local Similarity
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APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
FILE REFERENCE: Isis-4406
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CURRENT FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 09/349,040
PRIOR FILING DATE: 1999-07-07
                     LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
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                   FEATURE:
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OTHER INFORMATION: Oligonucleotide
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93.3%; Pred. No. 6.3e+02
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; OTHER INFORMATION: T*=2'-O-GE US-09-612-531-25
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US-09-142-212A-3/c
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LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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SEQ ID NO 4
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Best Local Similarity
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                                                                                                                 CURRENT APPLICATION NUMBER: US/09/142,212A CURRENT FILING DATE: 1998-10-09 PRIOR APPLICATION NUMBER: 97/00499 PRIOR FILING DATE: 1997-02-24
                                                                                                                                                                                           APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: ISIS4385
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CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
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APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
FILE REFERENCE: ISIS4385
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                                                                                                 NUMBER OF SEQ ID NOS:
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ORGANISM: Artificial Sequence
                      LENGTH: 15
TYPE: DNA
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Pred. No. 6.3e+02
0; Mismatches
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Pred. No. 6.3e+02;
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US-09-142-212A-6/c
Sequence 6, Application US/09142212A
Featent No. 6562960
GENERAL INFORMATION:
APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen Paul
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleotide Analogues
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SEQ ID NO 5
LENGTH: 15
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Best Local Similarity 93.3%;
Matches 14; Conservative
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Best Local
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APPLICANT: Collingwood, Stephen I
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleot:
FILE REFERENCE: ISIS4385
FILB REFERENCE: ISIS4385
CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
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LOCATION: (5)
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Pred. No. 6.
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Pred. No. 6.3e+02;
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US-09-142-212A-9/c
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LENGTH: 15
TYPE: DNA
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APPLICANT: Baxter, Anthony David
APPLICANT: Collingwood, Stephen
APPLICANT: Douglas, Mark Edward
APPLICANT: Taylor, Roger John
TITLE OF INVENTION: Oligonucleot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9, Application US/09142212A Patent No. 6562960
                                                                              GENERAL INFORMATION:
                                                                                              Sequence 13, Application US/09142212A Patent No. 6562960
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Best Local Similarity
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               APPLICANT:
APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 1998-10-09
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PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc feature
LOCATION: (5)..(6)
OTHER INFORMATION: Modified internucleoside linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonucleotide NAME/KEY: misc feature LOCATION: (1) (5)
                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
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 INVENTION:
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Similarity 93.3%;
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             Baxter, Anthony David
Collingwood, Stephen I
Douglas, Mark Edward
Taylor, Roger John
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Oligonucleotide Analogues
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Pred. No. 6.3e+02;
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Pred. No. 6
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         CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Karn
APPLICANT: Prescott
TITLE OF INVENTION: Methods and Kits for Discovery of RNA-Binding Compounds
FILE REFERENCE: 3950/81235
CURRENT APPLICATION NUMBER: US/09/325,601
CURRENT FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 53
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 4
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LENGTH: 15
TYPE: DNA
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                                                                                                                                                                                                                           Sequence 6, Application US/09349040A Patent No. 6593466
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Best Local
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Best Local
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                                                                                                   APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
TITLE OF INVENTION: Functionalized Oligomers
FILE REFERENCE: ISIS-3811
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CURRENT APPLICATION NUMBER: US/09/142,212A
CURRENT FILING DATE: 1998-10-09
PRIOR APPLICATION NUMBER: 97/00499
PRIOR FILING DATE: 1997-02-24
NUMBER OF SEQ ID NOS: 13
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc feature
LOCATION: (4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA ORGANISM: Human immunodeficiency virus
LENGTH: 15
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Pred. No. 6.3e+02
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Pred. No. 6
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US-09-349-040A-8/C
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; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-7
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                                                               CURRENT APPLICATION NUMBER: US/09/349,040A
CURRENT FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 10
SOPTMARE: Patentin version 3.0
SEQ ID NO 8
LENGTH: 15
TYPE: DNA
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CURRENT FILING DATE: 199-07-07
NUMBER OF SEQ ID NOS: 10
SOPTWARE: Patentin version 3.0
SEQ ID NO 7
SEQ ID NO 7
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
                                                                                                                                                                                                                                                                                                       Sequence 8, Application US/09349040A Patent No. 6593466
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Best Local Similarity
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                                                                                                                                                                                     TITLE OF INVENTION: Functionalized Oligomers FILE REFERENCE: ISIS-3811
                                                                                                                                                                                                                   APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
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APPLICANT: Cook, Philip Dan
APPLICANT: Prakash, Thazha
APPLICANT: Mohan, Venkatraman
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NAME/KEY: misc_feature
OTHER INFORMATION: No. 6593466el Sequence
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NAME/KEY: misc feature
OTHER INFORMATION: No. 6593466el Sequence
                                 ORGANISM: Artificial Sequence FEATURE:
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93.3%; Pred. No. 6.
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Pred. No. 6
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Sequence 4, Application US/09753943D

Patent No. 6670468

GENERAL INFORMATION:
APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Martin, Pierre
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT APPLICATION NUMBER: 09/194,844
PRIOR APPLICATION NUMBER: 99/194,844
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1999-05-14
PRIOR PILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1998-06-06
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CURRENT EILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILLING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILLING DATE: 1996-06-06
PRIOR FILLING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 3
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; LOCATION: 5
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-3
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APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Brist
APPLICANT: Moser, Heinz Brist
TITLE OF INVENTION: 2.7-Substituted Nucleosides and Oligonucleotide Derivatives
              NUMBER OF SEQ ID NOS: 22
SEQ ID NO 4
LENGTH: 15
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Best Local Similarity
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OTHER INFORMATION: synthesized
FEATURE:
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TYPE: DNA
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Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
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; OTHER INFORMATION: synthesized ; FEATURE: ; NAME/KEY: misc_feature ; LOCATION: 1-5 _ ; OTHER INFORMATION: 2'-substituted sugar US-09-753-943D-6
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US-09-753-943D-7/c
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US-09-753-943D-6/c
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PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                       Sequence 7, Application US/09753943D Patent No. 6670468
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Best Local Similarity
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APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/Cl
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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LOCATION: 5, 7, 9, 11 and 13
OTHER INFORMATION: 2'-substituted sugar
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Similarity 93.3%;
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Pred. No. 6
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Pred. No. 6.
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; FEATURE:
, NAME/KEY: modified base
; LOCATION: 6, 8, 10, 12, 14
; OTHER INFORMATION: 5-methyl cytosine
US-09-753-943D-8
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APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
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                                                                          Query Match
Best Local
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Best Local (
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PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR FILING DATE: 1998-05-27
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
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PRIOR FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 22
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                                                                                                                                                                                                             FEATURE:
NAME/KEY: misc_feature
LOCATION: 1-14
OTHER INFORMATION: 2'-substituted sugar
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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1186 AGAGAGAGAGAGAAA 1200
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                                                         Conservative
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93.3%;
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Pred. No. 6.
                                                                          Score 13.4; DB 1;
Pred. No. 6.3e+02;
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SEQ ID NO 9
LENGTH: 15
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                                             NUMBER OF SEQ ID NOS:
SEQ ID NO 10
LENGTH: 15
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Best Local Similarity
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APPLICANT: Cuenoud, Bernard
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                                                                                                             APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Martin, Pierre
APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 1900-05-14
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR APPLICATION NUMBER: D99-05-27
PRIOR PILING DATE: 1998-05-27
PRIOR PILING DATE: 1998-05-06-06
PRIOR FILING DATE: 1996-06-06
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CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR FILING DATE: 1999-05-14
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APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
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OTHER INFORMATION: synthesized
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LOCATION: 5-14
COTHER INFORMATION: 2'-substituted sugar
ORGANISM: Artificial Sequence
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93.3%; Pred. No. 6.
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CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT PILING DATE: 2001-01-03
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/EP97/02738
PRIOR APPLICATION NUMBER: SWITZerland 1432/96
PRIOR APPLICATION NUMBER: SWITZerland 1432/96
PRIOR FILING DATE: 1996-06-06
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US-09-753-943D-12
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Sequence 12, Application US/09753943D
Patent No. 6670468
GENERAL INFORMATION:
APPLICANT: Chenoud, Bernard
APPLICANT: Altmann, Karl-Heinz
APPLICANT: Moser, Heinz Ernst
TITLE OP INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILE REFERENCE: 4-20890B/C1
CURRENT APPLICATION NUMBER: US/09/753,943D
CURRENT FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/194,844
PRIOR APPLICATION NUMBER: PCT/EP97/02738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.2%;
Best Local Similarity 93.3%;
Matches 14; Conservative
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Best Local Similarity
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APPLICANT: Martin, Pierre
APPLICANT: Moser, Heinz Ernst
TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives
FILB REFERENCE: 4-20890B/C1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cuenoud, Bernard
APPLICANT: Altmann, Karl-H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
NAME/KP: misc feature
LOCATION: 3, 5, 7, 9, 11
OCTHER INFORMATION: 2'-substituted sugar
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OTHER INFORMATION: synthesized
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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Pred. No. 6.
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Pred. No. 6.
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GENERAL INFORMATION:

APPLICANT: Cuenoud, Bernard

APPLICANT: Altmann, Karl-Heinz

APPLICANT: Martin, Pierre

APPLICANT: Martin, Pierre

APPLICANT: Moser, Heinz Ernst

TITLE OF INVENTION: 2'-Substituted Nucleosides and Oligonucleotide Derivatives

FILE REFERENCE: 4-20900B/C1

CURRENT APPLICATION NUMBER: US/09/753,943D

CURRENT FILING DATE: 2001-01-03

PRIOR APPLICATION NUMBER: 09/194,844

PRIOR APPLICATION NUMBER: DET/EP97/02738

PRIOR APPLICATION NUMBER: DET/EP97/02738

PRIOR FILING DATE: 1998-05-14

PRIOR APPLICATION NUMBER: Switzerland 1432/96

PRIOR FILING DATE: 1996-06-06

NUMBER OF SEQ ID NOS: 22

SEQ ID NO 13
                                                                                           RESULT 1055
US-10-294-203-4
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; LOCATION: 2-11
; OTHER INFORMATION: 2'-substituted sugar
US-09-753-943D-13
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US-09-753-943D-13
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LENGTH: 15
TYPE: DNA
GENERAL INFORMATION:
APPLICANT: Froehler, Brian
APPLICANT: Wagner, Rick
                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 14; Conserv
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                                                      Sequence 4, Application US/10294203 Patent No. 6753168
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PRIOR APPLICATION NUMBER: Switzerland 1432/96
PRIOR FILING DATE: 1996-06-06
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                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: synthesized FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                 FBATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: misc feature
LOCATION: 11-14
OTHER INFORMATION: 2'-substituted sugar
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Pred. No. 6.
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CURRENT APPLICATION NUMBER: US/10/294,203
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
PRIOR APPLICATION NUMBER: 10/024,818
PRIOR APPLICATION NUMBER: 10/024,818
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 54
SOPTWARE: PATENTIN VERSION 3.2
SEQ ID NO 6
LENGTH: 15
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US-10-294-203-6
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APPLICANT: Froehler, Brian
APPLICANT: Wagner, Rick
APPLICANT: Mateucci, Mark
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PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4
LENGTH: 15
                                                                            Matches
                                                                                               Query Match
Best Local Similarity
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Gutierrez, Arnold J.
APPLICANT: Pudlo, Jeff
TITLE OP INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
TITLE OP INVENTION: Containing Modified Pyrimidines
FILE REFERENCE: GLIS0155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
TITLE OF INVENTION: Containing Modified Pyrimidines
FILE REFERENCE: GLISO155
CURRENT APPLICATION NUMBER: US/10/294,203
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
PRIOR FILING DATE: 1996-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Jones, Robert J
                                                                                                                                                                            ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Synthetic construct
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OTHER INFORMATION: Synthetic construct
                                                                                                                                                                                                                                        TYPE: DNA
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Gutierrez, Arnold J.
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                                                                            Conservative
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                                                                                               0.2%; Score 13.4; DB 1 93.3%; Pred. No. 6.3e+02
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Pred. No. 6.3e+02;
                                                                               Mismatches
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                                                                                                                    DB 1;
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                                                                                                                  Length 15;
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RESULT 1057 US-10-294-203-12

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SEQ ID NO. 12
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
PRATURE:
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                                                                                                                                  ; OTHER INFORMATION: Synthetic construct US-10-294-203-40
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                                                                                                                                                                    SEQ ID NO 40
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity
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                                                        Matches
                                                                                         Query Match
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                                                                                                                                                                                                                                                                                                                                      APPLICANT: Proehler, Brian
APPLICANT: Wagner, Rick
APPLICANT: Mateucci, Mark
APPLICANT: Mateucci, Mark
APPLICANT: Jones, Robert J.
APPLICANT: Jones, Robert J.
APPLICANT: Gutierrez, Arnold J.
APPLICANT: Pudlo, Jeff
TITLE OP INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
TITLE OP INVENTION: Containing Modified Pyrimidines
FILE REFERENCE: GLISO155
FULR REFERENCE: GLISO155
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
PRIOR APPLICATION NUMBER: 10/024,818
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 54
SOPTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers TITLE OF INVENTION: Containing Modified Pyrimidines FILE REFERENCE: GLISO155 CURRENT APPLICATION NUMBER: US/10/294,203
CURRENT FILING DATE: 2002-01-22
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PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.2
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APPLICANT: Pudlo, Jeff
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ent No.
                                                                          Local Similarity
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1182 AGAAAGAGAGAGAGA 1196
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                                                          Conservative
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93.3%;
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                                                                            Score 13.4; DB 1;
Pred. No. 6.3e+02;
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Pred. No. 6.3e+02;
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                                                                    6.3e+02;
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Sequence 78, Application US/09856662

Patent No. 6790616

GENERAL INFORMATION:

APPLICANT: MORIBE, TOyoki et al.

TITLE OF INVENTION: Method for typing HLA class 1 g
FILE REFERENCE: 0032-0261P

CURRENT APPLICATION NUMBER: US/09/856,662

CURRENT FILING DATE: 2001-05-24

PRIOR APPLICATION NUMBER: UF P1998-335151

PRIOR FILING DATE: 1998-11-26

NUMBER OF SEQ ID NOS: 130
                                                                                                                                         ; ORGANISM: Artificial Sequence; PEATURE: OTHER INFORMATION: Description of Artificial Sequence: DNA probe C-33 US-09-856-662-78
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 49
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Patent No. 6
                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 78
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                                                                     Matches
                                                                                    Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: US/10/294,203
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
PRIOR APPLICATION NUMBER: 10/024,818
PRIOR FILING DATE: 2001-12-18
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APPLICANT: Gutlerrez, Arnold J.
APPLICANT: Pudlo, Jeff
TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
TITLE OF INVENTION: Containing Modified Pyrimidines
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                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                    LENGTH: 15
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GAGCAGCTGAGAGCC 15
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                                                                     Conservative
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93.3%;
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Pred. No. 6.3e+02;
0; Mismatches 1
                                                                                        Score 13.4; DB 1;
Pred. No. 6.3e+02;
                                                                       Mismatches
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US-08-086-328C-171/c
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                                                                                                                                                                                                                                                  Sequence 171, Application US/08086328C Patent No. 5807980
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APPLICANT: Ignace
APPLICANT: and Wi
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APPLICANT: Ignace
APPLICANT: and Wi
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MEDIUM TYPE: 3.5" Diskette, 1.44Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
SOSTMARE: Wordberfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/086,630C
FILING DATE: July 1, 1993
CTASSIFICATION.
STREET: 611
STREET: LOS Angeles
CITY: LOS Angeles
CTATE: California
                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
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PRIOR APPLICATION DATA: including application PRIOR APPLICATION DATA: including application PRIOR APPLICATION DATA: described below: APPLICATION NUMBER: 07/913,232
FILING DATE: July 13, 1992
ATTORNEY/ACENT INFORMATION:
                                                                                           CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 202/210
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
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                                                                                                               NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
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611 West Sixth Street
                                                       B: Lyon & Lyon
611 West Sixth Street
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and William Charles Ripka
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and William Charles Ripka
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                                                                                                                                BOVINE PANCREATIC TRYPSIN INHIBITOR DERIVED INHIBITORS OF FACTOR VIIa-TISSUE FACTOR COMPLEX
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COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/282,197C
FILING DATE: 29-UUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Cimbala, Michele A
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1050.0410000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
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APPLICANT: Brzezi
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Dery, Claude V
APPLICANT: Beaulieu, Carole
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
TITLE OF INVENTION: Methods of Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 203
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: July 13, 19
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including
PRIOR APPLICATION DATA: described
APPLICATION NUMBER: 07/952,801
FILING DATE: September 25, 1992
APPLICATION NUMBER: 07/913,232
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COMPUTER READABLE FORM:

"""" TYPE: 3.5" Diskette, 1.44Mb storage
                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM: IBM MS-DOS (Version 5.0)
SOPTWARE: WordPerfect (Version 5.1)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: singl
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                       CITY: Washington
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                                                                                                                                                                                                                                                    COUNTRY: U
ZIP: 20005
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1100 New York Ave., NW
                                                                                                                                                                                                                                                                      USA
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: described below:
07/952,801
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Pred. No. 6.6e+02;
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; OTHER INFORMATION: Description of Artificial Sequence: Target ; OTHER INFORMATION: sequences US-09-531-000-22
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                                                                                                                                                                                                                                                                             US-09-475-947A-60/c
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LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1998-11
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1997-11
NUMBER OF SEQ ID NOS: 77
                                        APPLICANT: Wren, Jonathan D.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 60
                                                                                                                                                                                                                      Sequence 60, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
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Best Local Similarity 93.3%;
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APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
CURRENT FILING DATE: 2000-09-08
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
ORGANISM: human
                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
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93.3%; Pred. No. 6
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Pred. No. 6
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RESULT 1067
US-09-155-885A-20/c
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; ORGANISM: Homo sapiens
US-09-479-005A-461
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CURRENT FILING DATE: 2000-01-07
PRIOR APPLICATION NUMBER: US 09/44,209
PRIOR FILING DATE: 1999-11-19
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR APPLICATION NUMBER: US 09/159,274
PRIOR FILING DATE: 1998-09-22
PRIOR PRIOR APPLICATION NUMBER: US 60/059,473
PRIOR FILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 1208
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GENERAL INFORMATION:
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Best Local Similarity
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Best Local Similarity
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TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
FILE REPERENCE: MBHBO-884-C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 16
                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Vers
CURRENT APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-Oct-1998
                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 313
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
                                                                                                                                                                                                                                                                                                                                                                             MAERTENS, GEERT
TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: STUYVER, LIEVEN
ROSSAU, RUDI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2037 GTTGGTCAAATCAAA 2051
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                                                          CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                              CITY: ARLINGTON
STATE: VIRGINIA
                                                                                                                                                                                                                                                COUNTRY: U.S.A.
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Pred. No. 6.6e+02;
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Pred. No. 6.6e+02;
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                                                                                                                                    Version #1.30 (EPO)
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RESULT 1068
US-07-874-334-3/c
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                ATTORNEY AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 24610-20005.24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: EMP PC COMPATION
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/07/874,334
FILING DATE: 1920424
CLASSIFICATION: 536
CCLASSIFICATION: 536
                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: OLIGONUCLECTIDE ANALOGS CONTAINING TITLE OF INVENTION: THIOFORMACETAL LINKAGES NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: MATTEUCCI, MARK APPLICANT: JONES, BOB APPLICANT: LIN, KUEI-YING
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ZIP: 94304-1018
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                                        TOPOLOGY:
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   NAME/KEY:
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LENGTH: 16 base pairs
TYPE: nucleic acid
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REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
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ANTI-SENSE: NO
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LIN, KUEI-YING
                                                                                                                                                                  (415) 494-0792
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misc_difference
                                        linear
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                                                   single
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93.3%; Pred. No. 6
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Patent No. 561221
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Best Local Similarity 82.4
Matches 14; Conservative
 Best Local Similarity Matches 12; Conserv
                                       Query Match
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                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 07/989,841
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT TITLE OF INVENTION: OF ARTHRITIC CONDITIONS NUMBER OF SEQUENCES: 1151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                            LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                     TELEPHONE: (213) 489-16
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215ember 12, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_difference
LOCATION: replace(16, "")
OTHER INFORMATION: /note= "This position is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Con
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: 1
ZIP: 9007
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OTHER INFORMATION: /note= "This position is (OCH2O)."
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Gustofson, John
Stinchcomb, Dan T.
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 0.2%;
ilarity 80.0%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          08/354,920
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Score 13.4; DB 1; Length 17; Pred. No. 7e+02; 2; Mismatches 1; Indels
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RESULT 1071
US-08-435-634-590
; Sequence 590, Application US/08435634
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US-08-373-124A-1353/c
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                                                                                                                                                                                     Matches 14; Conservative
                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/373,12.
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
PILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/987,132
PILING DATE: December 7, 1992
APPLICATION NUMBER: 07/986,422
PILING DATE: August 26, 1992
APPLICATION HOMBER: 07/987
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Stinch
APPLICANT: Draper
                                                                                                                                                                                                                                                                                                                                                                       TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
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MEDLIM TYPE: 3.5" Diskette, 1.44 Mb
MEDLIM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: McSwiggen, James
APPLICANT: JAIVIS, ThAle
APPLICANT: JAIVIS, THALE
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX:
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                                                                                                                                                                                                           Local
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Similarity 93.3%;
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CUGGUUACCCAAGAA 17
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                     (213) 955-0440
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                                                                                                                                                                                                           Score 13.4; DB 1;
Pred. No. 7e+02;
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                                                                                                                                                                                     Mismatches
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US-08-257-784A-9/c
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Best Local Similarity 80.0%;
Matches 12; Conservative
                                                                                                                                            Sequence 9, Application US/08257784A Patent No. 5789551
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PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850

PILING DATE: February 17, 1995

APPLICATION NUMBER: 08/354,920

PILING DATE: December 13, 1994

APPLICATION NUMBER: 08/152,487

PILING DATE: No. 5731295ember 12, 19

APPLICATION NUMBER: 07/989,848

PILING DATE: No. 5731295ember 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REGISTRATION NUMBER: 32,327
                                                    GENERAL INFORMATION: Sidney
APPLICANT: Pestka, Sidney
TITLE OF INVENTION: Super Proteins Including Interferons,
TITLE OF INVENTION: Interleukins, et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: 1:-
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM P.C. DOS 5.0
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SOFTWARE: Fast-SEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, John T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: MCSWIJON: MCSTHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1
                   NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM:
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ADDRESSEE:
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633 West Fifth Street
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Plevy & Associates
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Pred. No. 7e+02;
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NAME: Plevy, Arthur L.
REGISTRATION NUMBER: 24,277
REFERENCE/DOCKET NUMBER: PEST
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 572-5858
TELEFAX: (908) 572-5963
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Stinch
APPLICANT: McSwig
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OPERATING SYSTEM: MS-DOS 5.0
SOFTWARE: MOOTOPerfect Office 3.0 (ASCII Editor)
CURRENT APPLICATION DATA:
APPLICATION NUMBERS
                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PastSeq Version 1.5
CURRENT APPLICATION DATA:
                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                            APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: Genomic DNA
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APPLICATION NUMBER: 08/076,
FILING DATE: June 11, 1993
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                    STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/257,784A
FILING DATE: June 10, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: Si
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: New Jersey COUNTRY: U.S.A.
                                                                                                                                                                                ZIP: 90071-2066
                                                                                                                                                                                                 COUNTRY:
APPLICATION NUMBER: US
FILING DATE: December
                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
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633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.2%; Score 13.4; DB 1; Length 17; 93.3%; Pred. No. 7e+02; ative 0; Mismatches 1; Indels
  US/08/758,306
er 3, 1996
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Best Local Similarity
Watches 9; Conserve
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US-08-435-628-1353/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS ANI
TITLE OF INVENTION: CANCER USIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. SOFTWARE: WORD Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKST NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard U
REGISTRATION NUMBER: 32,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: August 26, 1992 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                             PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                   APPLICATION NUMBER: FILING DATE: February
                                                                                                                                                                                                              APPLICATION NUMBER: FILING DATE: 05-MAX CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Lyon & 1
STREET: 633 West F:
STREET: Suite 4700
                                  FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
                                                                     APPLICATION NUMBER:
                                                                                                                                                           APPLICATION NUMBER: 08/373,124 FILING DATE: January 13, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                        FILING DATE:
                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY:
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633 West Fifth Street
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                                                                                                                                 January 13, 1995
UMBER: 08/245,466
                                                                                                                                                                                                                                05-MAY-1995
                                                                                                                        May 18,
                                                                                     February
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.2%; Score 13.4; DB 60.0%; Pred. No. 7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  METHODS AND COMPOSITIONS FOR TREATMENT OF RESTENOSIS AND CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2627
                                                                       07/987,132
                                                                                                      08/192,943
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
TYPE: nucleic single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-435-628-1353
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                                                                                                                     TELEFAX: 201 343-1684
TELEX: 13351
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/489,066A
FILING DATE: 09-UNM-1995
CLASSIFICATION DATA:
APPLICATION UMBER: US 08/257,784
FILING DATE: 10-UN-1994
CLASSIFICATION DATA:
APPLICATION TOPOLOGY
APPLICATION DATA:
APPLICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
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                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Fehlner, Ph.D., Esq., Paul F.
REGISTRATION NUMBER: 35,135
REFERENCE/DOCKET NUMBER: 1705-1-002 CIPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEPAX: 201 343-1684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: PESTKA, SIDNEY
TITLE OF INVENTION: SUPER PROTEINS INCLUDING INTERFERONS.
TITLE OF INVENTION: INTERLEUKINS, ET AL.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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                   MOLECULE TYPE:
DESCRIPTION:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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STATE: New Jersey
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                                                                             STRANDEDNESS:
                                                                                                     TYPE: nucleic acid
                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Klauber & Jackson
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                   Primer used in sequencing of Hu-IFN-
                                                                               single
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US-08-765-783A-79/c
                                                                                      US-08-765-783A-79
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                              Matches
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                                                         Query Match
                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,783A
APPLICATION NUMBER: US/08/765,783A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Yamazaki, Tatsumi
TITLE OF INVENTION: Reshaped Human Antibody to
TITLE OF INVENTION: Interleukin-8
NUMBER OF SEQUENCES: 105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 530 PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 202-887-1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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                                                                                                  NAME/KEY: Other LOCATION: 1...17 OTHER INFORMATION:
                                             Local
                                                                                                                                                                                                                                                                                                           NAME: Murashige, Kate H
REGISTRATION NUMBER: 29,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET:
                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                  TELEX:
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                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 07-MAR-1997
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                                                                                                                                                                           STRANDEDNESS:
 3088 GACCTTGCCTTTGGG 3102
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                                             Similarity
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Yamazaki, Tatsumi
                                                                                                                                                                                                                                                                  202-822-0168
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Matsumoto, Yoshihiro
                              Conservative
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                                         0.2%;
                                                                                                  HIP sequence
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                                            Score 13.4; DB 1; Length 17; Pred. No. 7e+02;
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                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 17;
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US-08-825-487A-104/c
; Sequence 104, Application US/08825487A
; Patent No. 6048689
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 1077
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Best Local Similarity
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INFORMATION FOR SEQ ID NO:
APPLICANT: Murphy, Patricia D.

APPLICANT: White, Marga B.

TITLE OF INVENTION: METHODS FOR IDENTIFYING VARIATIONS IN POLYNUCLEOTIDE SEQUENCE NUMBER OF SEQUENCES: 110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HYPOTHETICAL:
ANTI-SENSE: 1
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LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEPAX: 201 343-1684
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PRIOR APPLICATION UNTA:
APPLICATION NUMBER: US 08/076,231
FILING DATE: 11-UW-1993
CLASSIFICATION: 530
ATTORNEY/ACENT INFORMATION:
NAME: Exhibit Ex
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PRIOR APPLICATION UDATA:
APPLICATION UDBER: US 08/257,784
FILING DATE: 10-JUN-1994
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/489,072A
FILING DATE: 09-JUN-1995
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MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Fehlner, Ph.D., Esq., REGISTRATION NUMBER: 35,135 REFERENCE/DOCKET NUMBER: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      15 CCTGATGAAGGAGGA 1
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Pred. No. 7e+0
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                          US-08-985-162-185/c
                                                                                                                                                                                                                                                                                                                                                                    Sequence 185, Application US/08985162
Patent No. 6057156
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 650-463-8400 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NIMBER: PCT/US98/060002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
COMPUTER: IBM FC COMPATIBLE
COMPUTER: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                    ZIP: 90071-2066
COMPUTER READABLE FORM:
                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                TITLE OF INVENTION:
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TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
NAME: Albert P. Halluin
REGISTRATION NUMBER: 25,227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Howrey
STREET: 1299 Penny
CITY: Washington,
                                                                                                                                       ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                  MEDIUM TYPE: 3.5" Diskette, MEDIUM TYPE: storage
                                                                                      COUNTRY: U.S.A.
                                                                                                       CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: sing
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FILING DATE: 26-Mar-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 28-MAR-1997
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1299 Pennyslvania Avenue., N.W.
                                                                                                                                                                                                                                                                                               Fell, Patricia
McSwiggen, James
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IBM Compatible
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: WARDURG, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
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PILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
PILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCES/DOCKET NUMBER: 230/107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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atent No. 6057156
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: AKRIGA., PATRICIA
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, FNZYMAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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SOPTWARE: PABLSEQ for
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                     STREET: 633 West F11
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 90071-2066
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633 West Fifth Street
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04 December 1997
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OF DISEASES OR CONDITIONS RELATED
TO LEVELS OF EPIDERMAL GROWTH
FACTOR RECEPTORS
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COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASLSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/416,557
FILING DATE: 12-October-1999
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/765,783
FILING DATE: 7-March-1997
ATTORNEY/AGENT INFORMATION:
NAME: MUTAShige, Kate H
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 35029-20001.10
TELECOMOUNICATION: UTFORMATION:
TELEPHONE: 202-887-1500
TELEPHONE: 202-887-1500
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US-09-416-557-79/c
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LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent No.
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                                                                                                                                                                  TELEX:
INFORMATION FOR SEQ ID NO:
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APPLICANT: Matsusi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Sato, Koh
APPLICANT: Teuchiya, Masayuki
APPLICANT: Yamazaki, Tatsumi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                         FBATURB:
NAME/KEY: Other LOCATION: 1...17 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Match 0.2%;
Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Washington
                                                                         TOPOLOGY:
                                                                                          STRANDEDNESS:
                                                                                                          TYPE: nucleic acid
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2000 Pennsylvania Avenue, NW, suite 5500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matsumoto, Yoshihiro
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                                                                           linear
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HIP sequence
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RESULT 1083
US-08-584-040-2095
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US-08-489-071A-13/c
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                                                                                                                                                 Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/257,784
FILING DATE: 10-JUN-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/076,231
FILING DATE: 11-JUN-1993
CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                MOLECULE TYPE: DNA
DESCRIPTION: Prime
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                         TELEX: 133521
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Febliner, Ph.D., Beq., Paul F.
NAME: 95,135
REGISTRATION NUMBER: 35,135
REGISTRATION NUMBER: 1705-1-002 CIPC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA
APPLICATION NUMBER: US/08/489,071A
                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: 201 487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: INTERLEUKINS,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 09
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 411 Hacken
CITY: Hackensack
STATE: New Jersey
                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 201 343-1684
                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3088 GACCTTGCCTTTGGG 3102
                                                                                                567 CCTGAAGAAGGAGGA 581
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SUPER PROTEINS INCLUDING INTERFERONS,
TWTERLEUKINS, ET AL.
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                                                                                                                                                 0.2%; Score 13.4;
93.3%; Pred. No. 7e
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US-08-584-040-2095
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Patent No.
                                                                                                                                                                                                                                 Sequence 5943, Application US/08584040 Patent No. 6346398
                                                                                                                                                                                                                                                                                                                                                                                                                        Matches 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 73.3%; Pred. No. 7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
PILING DATE: October 26, 1995
ATTORNEY AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                GENERAL INFORMATION:
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                                        TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT: Stinchcom
APPLICANT: Secobedo,
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                    APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION:
TITLE OF INVENTION:
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (213) 489-16
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/584,040 FILING DATE: January 11, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                   3805 AAGAACTTGTACCGA 3819
f: Pavco, Fames

T: McSwiggen, James

T: Stinchcomb, Dan T.

NT: Escobedo, Jaime
prinvention: Merhod and Reagent for The
prinvention: TREATMENT OF DISEASES OR
OF INVENTION: CONDITIONS RELATED TO LEVELS
OF INVENTION: OF VASCULAR ENDOTHELIAL
THATESTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2095, Application US/08584040
o. 6346398
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                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Stinchcomb, Dan T.
Escobedo, Jaime
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NUMBER OF SEQUENCES: 8

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APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: User-thirty District 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                      tent No.
                                                                                                                                                                                                                TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: TREATMENT OF DISEASES OR TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL TITLE OF INVENTION: GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                      NUMBER OF SEQUENCES: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (213) 955-0440
TELEX: 67-3510
TELEX: 67-3510
                                                                                                              ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
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STREET: Suite 4700
                                                          COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                              STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A. ZIP: 90071-2066
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Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                                                                 Pavco, Pamela
                                                                                                                                                                                                                                                                                                                                                                                                                                        Application US/08584040
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Best Local Similarity 93.3%;
Matches 14; Conservative
          COUNTRY: U.S.A.

ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Btorage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIPICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6346398
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 60/005,974
PILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: BSCObedo, J
TITLE OF INVENTION: ME
TITLE OF INVENTION: TR
TITLE OF INVENTION: CO
TITLE OF INVENTION: OF
TITLE OF INVENTION: GR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
                                                                                                                                                                                                                                                                                                                                     ADDRESSES: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 63700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: Januar
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Warburg,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    UMBER: US/08/584,040
January 11, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  METHOD AND REAGENT FOR THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IBM P.C. DOS 5.0
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Sequence 364, Application US/09474432B
Patent No. 6528640
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Beudry, Alex
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Karpeisky, Alex
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
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CURRENT PILLING DATE: US/09/480,017
CURRENT FILING DATE: 2000-01-10
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local (
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Patent No. 6388067
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: synthesized primer -09-480-017-8
APPLICANT: Adamic, Jasenka
APPLICANT: Sweedler, David
APPLICANT: Sweedler, David
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR PILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Yu, Su-May
APPLICANT: Tong, Wu-Fu
TITLE OF INVENTION: RICE CYSTEINE PROTEINASE GENE PROMOTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 17
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TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 32
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ropology:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    h 0.2%; Score 13.4; DB 1; Length 17; Similarity 93.3%; Pred. No. 7e+02; 14; Conservative 0; Mismatches 1; Indels
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RESULT 1090
US-09-474-432B-884
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                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Zinmen, Shawn
TITLE OF INVENTION: Nucleotide triphosphate an
FILE REFERENCE: MBHB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/64,866
PRIOR FILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR PILING DATE: 1998-04-29
PRIOR FILING DATE: 1998-11-04
PRIOR FILING DATE: 1998-11-04
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; ORGANISM: Homo sapiens
US-09-474-432B-364
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                                                                                                                                                                Query Match
Best Local S
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NUMBER OF SEQ ID NOS: 1526
SOFTWARE: PatentIn version 3.0
SEQ ID NO 691
LENGTH: 17
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SEQ ID NO 364
LENGTH: 17
                                                                                                                                                 Matches
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 691, Application US/09474432B
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APPLICANT:
APPLICANT:
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FRIOR APPLICATION NUMBER: US 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/301,511
PRIOR FILING DATE: 1999-04-28
                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 09/301,511
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                                                                                                           253 GCCCTGGACCCCATC 267
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                                                                                                                                                                Similarity
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Burgin, Alex
Beaudry, Amber
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Adamic, Jasenka
                                                                                                                                                 Conservative
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Sequence 884, Application US/09474432B
Patent No. 6528640
GENERRAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber

Re

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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
ITILE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
ITILE OF INVENTION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF ESG ID NOS: 14225
SOFTWARE: Patentin version 3.0
RESULT 1092
US-09-371-772B-2780/c
; Sequence 2780, Application US/09371772B
; Patent No. 6566127
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US-09-371-772B-640
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Matches
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Best Local Similarity 80.0%;
Matches 12; Conservative
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TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
FILE REFERENCE: MehB00-831-B (247/276)
CURRENT APPLICATION NUMBER: US/09/474,432B
CURRENT FILING DATE: 1999-12-19
PRIOR APPLICATION NUMBER: US 60/064,866
PRIOR PILING DATE: 1997-11-05
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR APPLICATION NUMBER: US 60/084,727
PRIOR PILING DATE: 1998-04-29
PRIOR PILING DATE: 1998-04-29
PRIOR PILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: US 09/186,675
PRIOR PILING DATE: 1998-04-28
RIOR FILING DATE: 1998-04-28
RIOR FILING DATE: 1999-04-28
RUMBER OF SEQ ID NOS: 1526
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                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                  Conservative
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Pred. No. 7e+02;
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; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2780
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                                                                                                                                                                 ; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2781
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 2780
                                                                                                                                                                                                                              SOFTWARE: PatentIn version 3.0 SEQ ID NO 2781 LENGTH: 17
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Patent No. 656612
                                                                                 Matches
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                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                      APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MEHBOO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
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APPLICANT: Escobedo, Jaime
TITLE OP INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OP INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: Pavco, Pam APPLICANT: McSwiggen, Jim APPLICANT: Stinchcomb, Dan APPLICANT: Escobedo, Jaime
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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AAAAATGAAAATCAA 2
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                                                                               Conservative
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93.3%;
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                                                                                                     Score 13.4; DB 1;
Pred. No. 7e+02;
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                                                                                   Mismatches
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                                                                                 Gaps
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RESULT 1094 US-09-371-772B-2782/c

Sequence 2782, Application US/09371772B Patent No. 6566127

GENERAL INFORMATION:

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US-09-371-772B-4161
; Sequence 4161, Application US/09371772B
; Patent No. 6566127
                                                                                   RESULT 1096
US-09-371-772B-4509/c
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; ORGANISM: Mus sp.
US-09-371-772B-4161
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; ORGANISM: Mus sp.
US-09-371-772B-2782
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Sequence 4509, Application US/09371772B Patent No. 6566127 GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 4161
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                                                                                                                                                                                                                                                                   Matches
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APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00, 876-J (237/198)
FILE REFERENCE: MBHB00, 876-J (237/198)
CURRENT FILING DATE: 1995-08-10
PRIOR APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patentin version 3.0
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APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT FILING DATE: 1990-08-10
CURRENT FILING DATE: 1990-08-10
CURRENT FILING DATE: 1990-08-10
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PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
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SOFTWARE: PatentIn version 3.0
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APPLICANT: Pavco, Pam
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Local Similarity 93.3%;
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Pred. No. 7
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam Sequence 6465, Application US/09371772B Patent No. 6566127 S

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RESULT 1098
US-09-371-772B-6465
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; ORGANISM: Homo sapiens
US-09-371-772B-4509
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US-09-371-772B-4941
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TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOOTWARE: PatentIn version 3.0
SEQ ID NO 4509
LENGTH: 17
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NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4941
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                                                                                                                                                            Matches
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Best Local Similarity
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APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TILE REFERENCE: MBHB00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
                                                                                                                                                                                                                                                     TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                               LENGTH:
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Stinchcomb, Dan
Stinchedo, Jaime
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Pred. No. 7e+02;
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APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Becobedo, Jaime
APPLICANT: Becobedo, Jaime
APPLICANT: Becobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHENBO, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR FILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 14225
SOPTWARE: Patentin version 3.0
SEQ ID NO 6873
LENGTH: 17
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                                                                                                                                                RESULT 1100
US-09-371-772B-6929
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; ORGANISM: Homo sapiens
US-09-371-772B-6873
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; ORGANISM: Homo sapiens
US-09-371-772B-6465
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                                                                       Sequence 6929, Application US/09371772B Patent No. 6566127 GENERAL INFORMATION:
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Best Local Similarity 80.0%;
Matches 12; Conservative
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Best Local Similarity 93.3%;
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APPLICANT:
APPLICANT:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
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                                                                                                                                                                                                                                                                                                                                   Score 13.4; DB 1;
Pred. No. 7e+02;
0; Mismatches 1;
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Pred. No. 7e+02;
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APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel.
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel.
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REPERENCE: MBHBO, 976-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR PILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR PILING DATE: 1996-01-08
NUMBER: PARCOR APPLICATION SUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER: PARCOR APPLICATION SUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER: OF SEQ ID NOS: 14225
SOUTWARE: PARCOR IN VERSION 3.0
ENGITH: 17
                                                      Sequence 363, Application US/09476387
Patent NO. 6617438
GENERAL INFORMATION:
APPLICANT: RIbozyme Pharmaceuticals, In
APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Marpelsky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
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OTHER INFORMATION: FITC-labelled oligonucleotide
US-09-330-785-2
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; ORGANISM: Homo sapiens
US-09-371-772B-6929
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LENGTH: 17
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APPLICANT: Lofas,
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Best Local Similarity
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Best Local
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CURRENT FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 2
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate
FILE REFERENCE: MBHB00-831-C (249/073)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: METHOD AND SYSTEM TITLE OF INVENTION: DETERMINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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Local Similarity 86.7%;
res 13; Conservative
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Pred. No. 7e+02;
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Pred. No. 7
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                        and their Incorporation into Oligonucleota
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CURRENT APPLICATION NUMBER: US/09/476,387

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RESULT 1104
US-09-476-387-883
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PRIOR APPLICATION NUMBER: 09/474,432
PRIOR PILING DATE: 1999-12-29
PRIOR PILING DATE: 1999-12-29
PRIOR PILING DATE: 1999-04-28
PRIOR PILING DATE: 1999-04-28
PRIOR PILING DATE: 1998-11-04
PRIOR PILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR PILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR PILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
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                                                                                                                                                                                        Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Reiozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
IITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -09-476-387-690/c
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CURRENT APPLICATION NUMBER: US/09/476,387
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0
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PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: RNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                     TYPE: RNA
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Pred. No. 7e+02;
                                                                                                                                                                       Mismatches
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CURRENT APPLICATION NUMBER: US/09/476,387
CURRENT FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 09/474.432
PRIOR PFLING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-11-04
PRIOR FILING DATE: 1998-10-04-29
PRIOR FILING DATE: 1998-10-04-29
PRIOR FILING DATE: 1998-04-29
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Best Local Similarity 80.0
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APPLICANT: Beigelman, Leo
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Sweedler, Dave
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APPLICANT: Sweedler, Dave
APPLICANT: Sweedler, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleoti
TITLE OF INVENTION: NBHB00-831-C (249/073)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC
TITLE OF INVENTION: OF DISEAS
TITLE OF INVENTION: FACTOR RE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                 OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                               FILING DATE
                                                                                                                                                                                                                                                                  ZIP: 90071-2066
                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.
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Pred. No. 7e+02;
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TOPOLOGY:
US-09-401-063-185
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APPLICANT: Akhtar,
APPLICANT: Fell, Pa
APPLICANT: McSwigga
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                                                                                                    APPLICATION NUMBER: US/09/401,06:
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/985,162
PILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
APTLONEY/AGENT INFORMATION:
NAME: WATHING BIGHT AT 1
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NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 M
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTEM TAMES 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (213)
TELEFAX: (213)
TELEX: 67-3510
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                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,47
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633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/09401063
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Fell, Patricia
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OF DISEASES OR CONDITIONS RELATE
TO LEVELS OF EPIDERMAL GROWTH
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APPLICANT: SLEANNOW, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: ABOMICA-7
CURRENT PILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
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US-09-866-108A-1348
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US-09-866-108A-1348
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SEQ ID NO 1348
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                                                                                                                              Query Match
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Best Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                                            Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggai
APPLICANT: PENN, Shari
APPLICANT: HANZEL, Da
                                                                                                                                                                                                                                                                                                                                                                                     PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: PCT/US01/00663
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                               / Match 0.2%;
Local Similarity 93.3%;
hes 14; Conservative
                                          1675 GGAAAAGATGGGACA 1689
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  GGAAAAGATGGGGCA 17
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HANZEL, David K.
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Pred. No. 7e+02;
                                                                                                            Score 13.4; DB 1;
Pred. No. 7e+02;
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                                                                                           Mismatches
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                                                                                                                              Length 17;
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GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
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US-09-866-108A-1349
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SEQ ID NO 1349
LENGTH: 17
TYPE: DNA
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APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Mensheng

APPLICANT: SHANNON, MARK

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7: US/09/866,108A

CURRENT APPLICATION NUMBER: US/09/866

PRIOR APPLICATION NUMBER: US/07,456

PRIOR APPLICATION NUMBER: GB 24263.6
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APPLICANT:
APPLICANT:
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
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FILING DATE: 2001-01-30
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o. 6686188
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14; Conservative
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Pred. No. 7e+02;
0; Mismatches 1;
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Best Local :
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SEQ ID NO 1891
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                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR APPLICATION NUMBER: PCT/US01/00664
                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: PCT/US01/00667 PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: SHANNON, MAYK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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TYPE: DNA
ORGANISM: Homo sapiens
                                                                  APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00667
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                                  APPLICATION NUMBER: PCT/US01/00663
                                                     FILING DATE:
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data removed
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File Wrapper or PALM
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1896
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PRIOR FILING DATE: 2000-05-26
PRIOR PELLOATION NUMBER: GB 24263.6
PRIOR PILLING DATE: 2000-10-04
PRIOR PILLING DATE: 2000-10-04
PRIOR PILLING DATE: 2000-09-27
PRIOR PILLING DATE: 2001-01-30
PRIOR PILLING DATE: 2001-01-30
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Matches
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SEQ ID NO 6111
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SEQ ID NO 1896
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Patent No. 6686188
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                                                                                       Matches
                                                                                                            Query Match
Best Local
                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
-09-866-108A-6111
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SOFTWARE: Aeomica Sequence Listing Engine
Atent No. 6686188
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                            SOFTWARE: Aeomica Sequence Listing Engine
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APPLICANT: JI, Yongga
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00667
OR APPLICATION NUMBER: PCT/US01/00667
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00664
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/US01/00665
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OR APPLICATION NUMBER: PCT/US01/00666
OR APPLICATION NUMBER: PCT/US01/00668
OR APPLICATION NUMBER: PCT/US01/00668
OR APPLICATION NUMBER: PCT/US01/00668
                                                                                   Match 0.2%; Score 13.4; DB 1; Local Similarity 93.3%; Pred. No. 7e+02; es 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US01/00663
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                                         2134 GAAAAACTCACACTG 2148
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17 GAAAATCTCACACTG 3
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NN, Sharron G.
NZEL, David K.
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GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David R.
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; Sequence 6198, Application US/09866108A
; Patent No. 6686188
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                APPLICANT: PENN, SHARTON G.
APPLICANT: HANDEL, David K.
APPLICANT: RANK, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN LIKE GENE EXPRESSED IN
FILE REFERENCE: AEOMICA-7
FULB REPERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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PRIOR FILING DATE: 2000-05-26
PRIOR PPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
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SEQ ID NO 6114
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Best Local
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, David
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PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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Local Similarity 93.3%;
les 14; Conservation
FILING DATE:
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Pred. No. 7e+02;
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APPLICATION FILING DATE:

NUMBER: GB 24263.6

2000-10-

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US-09-866-108A-6198
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SEQ ID NO 6198
LENGTH: 17
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00669
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00665
OR FILING DATE: 2001-01-30
OR APPLICATION NUMBER: PCT/USO1/00668
OR APPLICATION NUMBER: PCT/USO1/00668
OR FILING DATE: 2001-01-30
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                                                       FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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FILING DATE: 2001-01-30
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llarity 93.3%;
Conservative
NUMBER: PCT/US01/00663 : 2001-01-30
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Pred. No. 7
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; ORGANISM: Homo sapiens
US-09-866-108A-6201
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Patent No. 6686188
SEQ ID NO 6201
LENGTH: 17
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Patent No. 6686188
SEQ ID NO 6256
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Best Local
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR FILING DATE: 2000-09-27
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PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
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                                                                                                                                                                                  TYPE: DNA
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HANZEL, David K.
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US-09-866-108A-6516
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; ORGANISM: Homo sapiens
US-09-866-108A-6259
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; Sequence 6259, Application US/09866108A
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharzy
APPLICANT: HANZEL, Davi
APPLICANT: CHEN, Wensh
APPLICANT: SHANNON, Mai
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SEQ ID NO 6259
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Patent No. 6686188
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Best Local Similarity 93.3%;
       APPLICANT: GU, Yizhong
APPLICANT: BIN, Yonggang
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: KANK, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AROMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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CURRENT APPLICATION NUMBER: US/09/866,108A
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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APPLICATION NUMBER: US 60/207,456
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NN, Sharron G.
NZEL, David K.
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Pred. No. 7e
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APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: ABONICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR PILLING DATE: 2000-05-26
PRIOR PILLING DATE: 2000-05-26
PRIOR PILLING DATE: 2000-10-04
PRIOR PILLING DATE: 2000-10-04
PRIOR PILLING DATE: 2000-10-04
PRIOR PILLING DATE: 2000-10-04
PRIOR PILLING DATE: 2000-09-27
PRIOR PILLING DATE: 2000-09-27
PRIOR PILLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PILLING DATE: 2001-01-30
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6516
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US-09-866-108A-6517
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Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6516
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APPLICANT: JI, Yonggan;
APPLICANT: PENN, Sharro;
APPLICANT: HANZEL, David
APPLICANT: RANK, David
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PILING DATE: 2001-01-30
PILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00663
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FILING DATE: 2001-01-30
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                      APPLICATION NUMBER: PCT/US01/00668 FILING DATE: 2001-01-30
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HANZEL, David K.
RANK, David R.
CHEN, Wensheng
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NUMBER: PCT/US01/00663
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93.3%;
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Pred. No. 7e
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7e+02;
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
FILE REFERENCE: AEOMICA-7
CURRENT PAPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PELLICATION NUMBER: GB 24263.6
PRIOR PELLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: DT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6517
LENGTH.
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; ORGANISM: Homo sapiens
US-09-866-108A-6517
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomics Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6518
LENGTH: 17
TYPE: DNA
                                                                                              Best
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APPLICANT: JI, Yonggan,
APPLICANT: PENN, Sharry
APPLICANT: HANZEL, David
APPLICANT: RANK, David
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Best Local Similarity
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                                                                                              Local
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
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PILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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                                    854 CCACCTCCACCGCAG 868
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                                                                           Similarity 93.:
14; Conservative
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ENN, Sharron G.
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                                                                                            Score 13.4;
Pred. No. 7e
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GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wenshang
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NUMBER OF SEQ ID NOS: 15755
SOPTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6759
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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                                      APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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TYPE: DNA
ORGANISM: Homo sapiens
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PRIOR APPLICATION NUMBER: PCT/US01/00667
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APPLICATION NUMBER: US/09/866,108A FILING DATE: 2001-05-25
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HANZEL, David K.
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SEQ ID NO 6760
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
                    APPLICATION NUMBER: PCT/US01/00669
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00666
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APPLICATION NUMBER: PCT/US01/00664
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FILING DATE: 2001-01-30
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: 2001-01-30
NUMBER: PCT/US01/00668
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Pred. No. 7e+02;
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; TYPE: DNA; Homo sapiens; ORGANISM: Homo sapiens US-09-866-108A-7121
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US-09-866-108A-6761
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PRIOR DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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Patent No. 6686188
SEQ ID NO 6761
LENGTH: 17
TYPE: DNA
                                                  Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                           Patent No. 668
SEQ ID NO 7121
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Patent No. 6686188
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                                                                                                                                                                                                                           SOFTWARE: Acomica
                                                                                                                                                                                                                                             Remaining Prior Application NUMBER OF SEQ ID NOS: 15755
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APPLICANT:
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUWAN HEART AND MUSCLE
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APPLICATION NUMBER: PCT/US01/00669
PILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00665
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
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1194 AGAGAAATCAGAGAA 1208
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                                                       Conservative
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Pred. No. 7e+02;
0; Mismatches 1;
                                                                      Pred. No. 7e+02;
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; ORGANISM: Homo sapiens US-09-866-108A-7122
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
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SEQ ID NO 7122
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                                                                                                   APPLICANT:
APPLICANT:
          APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, DAVID K.
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APPLICANT:
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PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yonggang
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
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APPLICATION NUMBER: US/09/866,108A
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llarity 93.3%;
Conservative
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L, David K.
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Pred. No. 76
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; ORGANISM: Homo sapiens
US-09-866-108A-7123
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APPLICANT: GU, Yizhong
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Best Local :
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SEQ ID NO 7123
                                                                                                                                                                                                                                                                                                                                                      APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                             FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FLING DATE: 2001-05-25
CURRENT FLING DATE: US/09/207,456
PRIOR APPLICATION NUMBER: US/60/207,456
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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PRIOR APPLICATION NUMBER: US 60/236,359
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PRIOR APPLICATION NUMBER: GB 24263.6
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PRIOR APPLICATION NUMBER: US 60/236,359
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APPLICATION NUMBER: PCT/US01/00667
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                    APPLICATION NUMBER: PCT/US01/00669 FILING DATE: 2001-01-30
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                                                                              APPLICATION NUMBER: PCT/US01/00664
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APPLICATION NUMBER: PCT/US01/00665
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14; Conservative
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PENN, Sharron G.
HANZEL, David K.
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/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-7411

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SEQ ID NO 7408
LENGTH: 17
TYPE: DNA
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SEQ ID NO 7411
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharrc
APPLICANT: HANZEL, David
APPLICANT: RANK, David
APPLICANT: CHEN, Wenshe
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            Query Match
Best Local Similarity
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Matches
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-09-866-108A-7408
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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SOFTWARE: Acomica Sequence Listing Engine
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEOMICA-7
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Local Similarity 93.3%;
tes 14; Conservative
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APPLICATION NUMBER: PCT/US01/00666
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PENN, Sharron
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  Conservative
                  0.2%;
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Pred. No. 7e
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Pred. No. 7e+02;
  Mismatches
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US-09-866-108A-7801/c
; Sequence 7801, Application US/09866108A
; Patent No. 668618
; Reterat INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: HANZEL, David K.
; APPLICANT: HANZEL, David R.
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; ORGANISM: Homo sapiens
US-09-866-108A-7796
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SEQ ID NO 7796
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Best Local Similarity
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 17
CANT: SHANNON, Mark
OF INVENTION: MYOSIN-LIKE
REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00668
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US01/00663
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                                           HANZEL, David K
RANK, David R.
CHEN, Wensheng
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Pred. No. 7e+02;
                 GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-03-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PILING DATE: 2001-01-30
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PRIOR FILING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: GU, Yizhong APPLICANT: JI, Yonggang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     09-866-108A-7802/c
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SOFTWARE: Aeomica Sequence Listing Engine
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 17
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/USO1/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/USO1/00663
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HANZEL, David K.
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: DCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
                                                                                                                                                  Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine Patent No. 686188
SEQ ID NO 7830
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 7802
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                  Best Local Similarity
                                    Query Match
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Matches
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEDONICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
                                                                                        LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: PENN, Sharron G. APPLICANT: HANZEL, David K.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US01/00663 PRIOR FILING DATE: 2001-01-30
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ORGANISM: Homo sapiens
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Conservative
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                  Score 13.4; DB Pred. No. 7e+02;
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    Mismatches
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                                                                       GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local 8
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                                                                                                                                                                                                                                                                                                                                                                                   Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Acomica Sequence Listing Engine
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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CURRENT FILING DATE: 2001-05-25
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                          APPLICANT:
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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TYPE: DNA
ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US01/00667
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T: RANK, David R.
T: CHEN, Wensheng
T: CHEN, MATHER
TINVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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HANZEL, David K.
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Pred. No. 7e+02;
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APPLICANT: SHANNON, MAIK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
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US-09-866-108A-8355
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
Charro
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SEQ ID NO 7832
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Best Local Similarity 93.3%;
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SOFTWARE: Acomica Sequence Listing Engine
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TYPB: DNA
ORGANISM: Homo sapiens
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PILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
                                              PILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00669
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HANZEL, David
RANK, David R.
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NUMBER: PCT/US01/00665
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Pred. No. 7e
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8355
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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                                                                                                                                    Patent No. 6686
SEQ ID NO 8356
LENGTH: 17
Query Match
Best Local S
Matches 14
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Patent No. 6686188
SEQ ID NO 8355
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APPLICANT:
APPLICANT:
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
                                                                                                                                                                                           Remaining Prior Application data removed -
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANKON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: JI, Yonggang
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                                                                                                ORGANISM: Homo sapiens
                                                                                                                  TYPE: DNA
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Local Similarity 93.3%;
les 14; Conservative
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FILING DATE: 2001-01-30
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00663
FILING DATE: 2001-01-30
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Similarity 93.3
14; Conservative
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L, David K.
                  0.2%;
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Score 13.4; DB 1;
Pred. No. 7e+02;
0; Mismatches 1;
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Pred. No. 7
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                                      Length 17;
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GENERAL INFORMATION:
APPLICANT: GU, Yizhong

APPLICANT:

JI, Yonggang PENN, Sharron HANZEL, David

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APPLICANT:

APPLICANT: APPLICANT: APPLICANT:

RANK, David R. CHEN, Wensheng SHANNON, Mark

Sequence 8366, Application US/09866108A Patent No. 6686188

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RESULT 1137
US-09-866-108A-8366/c
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US-09-866-108A-8365/c
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SEQ ID NO 8365
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Patent No. 6686188
                                                                                                                                                                   Query Match
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SOFTWARE: Aeomica Sequ
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PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yonggang
                                                                                                                                                                                                                                                                                                                                      Remaining Prior Application data removed
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
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                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo sapiens
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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                                                                                                    2780 TGTGCACTTTCTGCA 2794
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR EILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PRILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PILING DATE: 2001-01-30
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SEQ ID NO 8366
LENGTH: 17
TYPE: DNA
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHAN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
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APPLICANT: JI, Yongga
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00668
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APPLICATION NUMBER: PCT/US01/00665
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PENN, Sharron G.
HANZEL, David K.
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8367
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8646
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SEQ ID NO 8367
LENGTH: 17
                                                                                   Patent No. 668
SEQ ID NO 8646
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Patent No. 6686188
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
                                                                                                                               SOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                       Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
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PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
APPLICANT: HANZEL, Davi
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
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PRIOR FILING DATE: 2001-01-30
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11 Similarity 93.3%;
14; Conservative
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Pred. No. 7e
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Query Match Best Local Similarity

0.2%; 93.3%;

Score 13.4; DB 1; Pred. No. 7e+02;

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                                                                                                                                       US-09-866-108A-8647
                                                                                                                                                        RESULT 1141
                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Homo sapiens
US-09-866-108A-8646
                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 93.3
14; Conservative
                                                                                      GENERAL INFORMATION:
                                                                                                    Sequence 8647, Application US/09866108A Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                            Patent No. 668
SEQ ID NO 8646
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APPLICANT:
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APPLICANT:
                   APPLICANT: GU, Yizhong
APPLICANT: JI, Yongga
APPLICANT: PENN, Shar:
APPLICANT: HANZEL, Da
                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Acomica Sequence Listing Engine
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CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
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PRIOR FILING DATE: 2000-09-27
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00667
FILING DATE: 2001-01-30
APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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JI, Yonggang
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HANZEL, David K.
RANK, David R.
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Pred. No. 7e+02;
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; TYPE: DNA
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US-09-866-108A-8647
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; Patent No. 6686188
; SEQ ID NO 8647
; LENGTH: 17
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Patent No. 6686188
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CURRENT APPLICATION NUMBER: US/09/866,108A
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                                                                             PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
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PRIOR FILING DATE: 2000-05-26
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: AEOMICA-7
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron
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PRIOR APPLICATION NUMBER: PCT/US01/00664
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OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
APPLICATION NUMBER: PCT/US01/00664
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Patent No. 6686188
SEQ ID NO 8647
LENGTH: 17
LENGTH: 17
TYPE: DNA
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-8647
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US-09-866-108A-9545
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US-09-866-108A-9545
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PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR PILING DATE: 2001-01-30
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Best Local Similarity
Matches 14; Conserv
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
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PRIOR TILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
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APPLICANT: JI, Yonggang
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            TYPE: DNA
ORGANISM: Homo sapiens
                                                         ENGTH:
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APPLICATION NUMBER: PCT/US01/00668
FILING DATE: 2001-01-30
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Query Match

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GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G
APPLICANT: HANZEL, David K
APPLICANT: RANK, David R.
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US-09-866-108A-9546
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SEQ ID NO 9546
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
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PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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APPLICANT: JI, Yongga
APPLICANT: PENN, Shar:
APPLICANT: HANZEL, Da
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
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ORGANISM: Homo sapiens
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Local Similarity 93.3%;
es 14; Conservativo
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FILING DATE: 2001-01-30
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APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT PILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 0726.6
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: DET/US01/00666
PRIOR APPLICATION NUMBER: PCT/US01/00667
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SEQ ID NO 9649
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PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-09-27
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APPLICANT: JI, Yongga
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atent No. 6686188
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TLB OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN
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APPLICATION NUMBER: PCT/US01/00664
FILING DATE: 2001-01-30
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NUMBER: PCT/US01/00664
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Pred. No. 76
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; ORGANISM: Homo sapiens
US-09-866-108A-10663
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                                                                          Patent No. 6686
SEQ ID NO 10663
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Patent No. 6686188
SEQ ID NO 9650
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Best Local (
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APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED
FILE REFERENCE: ABOMICA-7
                                                                                                                                Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
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CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: US 60/236,359
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
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APPLICANT: JI, Yongga
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                                                                                                                SOFTWARE: Aeomica
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TYPE: DNA
ORGANISM: Homo sapiens
                                                        LENGTH:
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FILING DATE: 2001-01-30
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APPLICATION NUMBER: PCT/US01/00665
FILING DATE: 2001-01-30
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Query Match

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TITLE OF INVENTION: RESHAPED HUMAN ANTI-HM 1.24 ANTIBODY
FILE REFERENCE: 35029-20007.00
CURRENT APPLICATION NUMBER: US/09/269,921
CURRENT FILING DATE: 1999-04-01
EARLIER APPLICATION NUMBER: PCT/JP97/03553
EARLIER FILING DATE: 1997-10-03
EARLIER APPLICATION NUMBER: P 8-264756
EARLIER APPLICATION NUMBER: JP 8-264756
EARLIER APPLICATION NUMBER: JP 8-264756
EARLIER APPLICATION NUMBER: JP 8-264756
EARLIER PILING DATE: 1996-10-04
NUMBER OF SEQ ID NOS: 137
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 72
LENGTH: 17
                                                                                                                              GENERAL INFORMATION:

APPLICANT: John Landers

APPLICANT: David Houseman

APPLICANT: David Houseman

APPLICANT: Barbara Jordan

APPLICANT: Alain Chareet

TITLE OF INVENTION: Methods and Products Related to

TITLE OF INVENTION: Genotyping and DNA Analysis

FILE REFERENCE: M0656/7045(HCL/MAT)

CURRENT APPLICATION NUMBER: US/09/404,912

CURRENT FILING DATE: 1999-09-24

PRIOR APPLICATION NUMBER: US 60/101,757

PRIOR APPLICATION NUMBER: DS/09/2283

PRIOR FILING DATE: 1998-09-24

NUMBER OF SEQ ID NOS: 691

NUMBER OF SEQ ID NOS: 691
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/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
US-09-404-912-75

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APPLICANT: Ono, Koichiro
APPLICANT: Ontomo, Toshihiko
APPLICANT: Tsuchiya, Masayuki
APPLICANT: Yoshimura, Yasushi
APPLICANT: Koishihara, Yasuo
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Sequence 72, Apr-
No. 669997
                                                                                        SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 75, Application US/09404912 Patent No. 6703228
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3088 GACCTTGCCTTTGGG 3102
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 7e+02; tive 0; Mismatches 1;
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Query Match

0.2%;

Score 13.4;

멂 1;

Length 17;

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APPLICANT: David Houseman
APPLICANT: Barbara Jordan
TITLE OF INVENTION: Methods and Products Related to
TITLE OF INVENTION: Methods and Products Related to
TITLE OF INVENTION: Methods and Products Related to
TITLE OF INVENTION: MOMBER: US(09/404,912
CURRENT APPLICATION NUMBER: US(09/404,912
CURRENT FILING DATE: 1999-09-24
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR APPLICATION NUMBER: PCT/US99/22283
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEO ID NOS: 691
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US-09-591-383-4
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US-09-404-912-382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 382
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/09591383
Patent No. RE37984
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: John Landers
APPLICANT: David Houser
APPLICANT: Barbara Jore
APPLICANT: Alain Chare
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ver
EXAMPLICATION NUMBER: US/09/591,383
APPLICATION NUMBER: US/09/591,383
FILING DATE: 09-Unn-2000
CLASSIFICATION - (Unknown)
PRIOR APPLICATION NUMBER: US 07/681,494
FILING DATE: 10-UN-1991
APPLICATION NUMBER: DE P3834636.2
                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSEE: BIRCH, STEWART, KOLASCH & BIRCH
STREET: 301 N. Washington Street, P.O. Box
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1904 CAGCTCTGCAGAACC 1918
                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: PROCESS FOR ANALYZING LENGTH POLYMORPHISMS IN DNA REGIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2373 GAGCTACAGCTTCAT 2387
                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Jackle, Herbert
Tautz, Diethard
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                                                                                                                                                                                                                                                                                    CITY: Falls Church
STATE: Virginia
COUNTRY: United States of America
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Pred. No. 7e+02;
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; TOPOLOGY: hinear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-591-383-4
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                                                                                                                                      APPLICATE:
FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: Paul, Thomas D.
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-53
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1.70651-5325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 56, Applicati
Patent No. 5523217
GENERAL INFORMATION:
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                                                                                                  TELEX: 762829
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 248345
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Lupski, James R.
APPLICANT: Versalovic, James
APPLICANT: Versalovic, James
APPLICANT: Koeuth, Thearith
TITLE OF INVENTION: Fingerprinting Bacterial Strains Using
TITLE OF INVENTION: Repetitive DNA Sequence Amplification
                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/248,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski
STREET: 1301 McKinney, Suite 5100
                                                                               SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ent No. 5523217
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1301 M
CITY: Houston
              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A. ZIP: 77010-3095
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TOPOLOGY: linear
                                                         LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/DCCKET NUMBER: 147-122PCT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 11-OCT-1988 ATTORNEY/AGENT INFORMATION:
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TYPE: nucleic acid
STRANDEDNESS: single
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                                                       18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         60
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                                                                                                                                                                                                         D-5394
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; HYPOTHETICAL:
US-08-248-848-56
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Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Patent No. 5523217
NUMBER OF SEQUENCES:
                                                            Matches
                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence
                                                                                                                                                                                                                                                                        FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-53
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5325
TELEFAX: 713/651-5246
                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 77010-3095
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/248,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Koeuth, Thearith
TITLE OF INVENTION: Fingerprinting Bacterial Strains Using
TITLE OF INVENTION: Repetitive DNA Sequence Amplification
                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 1
                                                                                                                                      MOLECULE TYPE:
HYPOTHETICAL:
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ZIP: 77010-3095
                                                                                                                                                                    TOPOLOGY:
                                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1633 GAGCTGGCCCAGTCC 1647
                           1633 GAGCTGGCCCAGTCC 1647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57, Application US/08248848
o. 5523217
17 GAGCTGTCCCAGTCC 3
                                                           14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 GAGCTGTCCCAGTCC 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5523217
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1301 McKinney, Suite 5100
                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Versalovic, James
                                                                                                                                                                 linear
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                                                                                                                                       DNA (genomic)
YES
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                                                                                                                                                                               single
                                                                         0.2%; Score 13.4; DB 1 93.3%; Pred. No. 7.3e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Thearith
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          James
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                                                            Mismatches
                                                                                          DB 1;
                                                                                       Length 18;
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RESULT 1154 US-07-976-103A-10

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US-08-261-822A-42/c
; Sequence 42, Application US/08261822A
; Patent No. 5650553
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/976,103A
FILING DATE: 25-NOV-1992
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 162.3
TELEPHONE: (415) 573-4712
TELEPHONE: (415) 573-4712
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10, Application US/07976103A Patent No. 5645985
                                                                                                                                                           GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ecker, Joseph R. et al.
APPLICANT: Ecker, Joseph R. et al.
TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
TITLE OF INVENTION: and Pathogens
NUMBER OF SEQUENCES: 82
CORRESPONDENCE ADDRESS:
ADDRESSE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
STREET: One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.2%; Score 13.4; DB 1; Length 18; Best Local Similarity 93.3%; Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                         COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: GUTIERREZ, ARNOLD J.
APPLICANT: PUDLO, JEFF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: sing
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STATE: California
COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                  STREET: One Liberty CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 94404
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH:
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MATTEUCCI, MARK
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GENERAL: Lupski, vance...

APPLICANT: Versalovic, James
APPLICANT: Versalovic, James
APPLICANT: Koeuth, Thearith
ITITLE OF INVENTION: Pingerprinting Bacterial Strains Using
ITITLE OF INVENTION: Repetitive DNA Sequence Amplification
Patent No. 5691136
Patent No. 5691136
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski
STREET: 1301 McKinney, Suite 5100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        맑
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US-08-111-077-56
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                                  TELERAX: 713/00.
TELEX: 762829
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
FRIGHT: 18 base pairs
FRIGH: 1. Acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (215) 568-310
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 4
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APPLICATION NUMBER: US/08/261
PILING DATE: 17-JUN-1994
CLASSIFICATION: 36
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IDM PC compatible
COMPUTER: IDM PC compatible
COMPUTER: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/111,077
FILING DATE: 19930824
CLASSIFICATION: 435
CLASSIFICATION: 435
                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION NUMBER: 32,714
REFERENCE/DOCKET NUMBER: D-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: CI
HYPOTHETICAL: NO
ANTI-SENSE: YES
                                                                                                                                          TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5325
TELEFAX: 713/651-5246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.25
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                   STRANDEDNESS:
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linear
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RESULT 1158
US-08-145-617-4
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Best Local Similarity
Matches 14; Conserve
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                                                                                                                                                                                                                                                         ; MOLECULE TYPE: DNI; HYPOTHETICAL: YES
US-08-111-077-57
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US-08-111-077-57/c
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Sequence 4, Application US/08145617
Patent No. 5766847
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/111,077
FILING DATE: 19930824
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Paul, Thomas D.
REGISTRATION UMBER: 32,714
REFERENCE/DOCKET NUMBER: D-5394
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713/651-5246
TELEPHONE: 713/651-5246
TELEZX: 762829
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent No. 5691136
NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 57, Application US/08111077
Patent No. 5691136
                                                                                                                                                                                                        Query Match
Best Local &
                                                                                                                                                                                         Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Fingerprinting Bacterial Strains Using TITLE OF INVENTION: Repetitive DNA Sequence Amplification
                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.S.A. ZIP: 77010-3095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                      1633 GAGCTGGCCCAGTCC 1647
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                                                                                                                        17
                                                                                                                                                                                        14; Conservative
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                                                                                                                                                                                                        h 0.2%;
Similarity 93.3%;
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                                                                                                                                                                                                                                                                                           DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Suite 5100
                                                                                                                                                                                         <u>,</u>
                                                                                                                                                                                                        Score 13.4; DB 1;
Pred. No. 7.3e+02;
                                                                                                                                                                                         Mismatches
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                                                                                                                                                                                                                        Length 18;
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                                                                                                                                                                                                                                                                                                                                                             Sequence 509,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 7.3e+02; Matches 14; Conservative 0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/681,494
FILLING DATE: 10-JUN-1991
APPLICATION NUMBER: US 93834636.2
FILING DATE: 11-OCT-1988
ATTORNEY/AGENT INFORMATION:
NAME: Svensson, Leonard R.
REGISTRATION NUMBER: 30,330
REFERENCE/DOCKET NUMBER: 10,330
REFERENCE/DOCKET NUMBER: 17-122PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-241-1300
                               NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                        APPLICANT: McSwiggen, James A.

TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
                                                                                                                                                                                                                                                                              APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Tautz, Diethard
TITLE OF INVENTION: PROCESS FOR ANALYZING LENGTH
TITLE OF INVENTION: POLYMORPHISMS IN DNA REGIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: /v.
TELEFAX: 248345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release
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STREET: 301 N. Washington Street, P.O.
CITY: Falls Church
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 703-241-2848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/145,617 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: United States of America
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                  COUNTRY:
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Y: U.S.A.
90071-2066
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Tautz, Diethard
                                                                                                                                                                                                                                                                                                                                                             Application US/08758306
                                                                                                                                                                                                                                                                                              Stinchcomb, Dan T.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
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COMPUTER READABLE FORM:

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US-08-473-481-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%; Score 13.4; DB 1; Length 18; Best Local Similarity 60.0%; Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOPTWARE: FASTSEQ VERSION 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,3(
PILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
SOPTWARE: PATENTIN Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/473,481 FILING DATE: 07-JUN-1995 CLASSIFICATION: 514 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103 FILING DATE: 25-NOV-1992 CLASSIFICATION: 514
                                                                                                                                                                                                                  MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
NUMBER OF SEQUENCES: 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: JONES, ROBER APPLICANT: GUTIERREZ, FAPPLICANT: PUDLO, JEFF
                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                       MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                 ADDRESSEE: GILEAD SCIENCES, INC.
STREET: 353 Lakeside Drive
CITY: Foster City
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: sing
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: stor
COMPUTER: IBM Con
OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              WAGNER, RICK
MATTEUCCI, MARK
JONES, ROBERT J.
GUTIERREZ, ARNOLD J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18 base pairs
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RESULT 1161
US-08-585-684B-2581/c
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2581, Application US/08585684B Patent No. 5877021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 514
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/799,824
FILING DATE: 26-NOV-1991
CLASSIFICATION: 191
CLASSIFICATION: 197
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
REGISTRATION NUMBER: 162.3D
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
TELEPAX: (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
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                                                          COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTEM: PERFORM 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/0 FILING DATE: July 7, 199 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                              ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                       ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: 14-NO
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                                       60/000,951
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Pred. No. 7.3e+02;
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 Query Match
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                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IEM Compatible
OPERATING SYSTEM: IEM P.C. DOS 5.0
SOFTWARE: PastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Walburg Bichard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                   TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES NUMBER OF SEQUENCES: 2751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (213) 489-1600
                                                                                                                                                                                       TELEPHONE: (213) 489-1600
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ADDRESSEE: Lyon & Ly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET:
STREET:
CITY: Lo
                                                                                                                                                         TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                       NAME: Warburg, Richard
REGISTRATION NUMBER: 32,
REFERENCE/DOCKET NUMBER:
                                                   LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
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Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard
REGISTRATION NUMBER: 32
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
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: California
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Jarvis, Thale
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 0.2%;
                                                                                                                                                                                                                                32,327
BER: 216
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Pred. No. 7.3e+02;
                                                                                                                                                                                                                           218/078
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 Score 13.4;
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 DB 1;
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Length 18;
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US-08-996-306-49
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                                                                                                               GENERAL INFORMATION:
APPLICANT: Cohen,
APPLICANT: Chumako
APPLICANT: Blumenf
APPLICANT: Bouquelo
                                                                                                                                                                                                                        Sequence 49,
                                                                                                                                                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                       APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Blumenfeld, Marta
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No. 5932465
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 312-474-0448
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Williams Jr., Joseph A.
REGISTRATION NUMBER: 38,659
REFERENCE/DOCKET NUMBER: 27866/34038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 233 Sout
CITY: Chicago
STATE: Illinois
                               STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: FILING DATE: CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Marshall,
                                                                                                                                                                                                                                                                                                                                          3962 TGGCAGGCCTCTGC 3976
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        438 CAAAGGACAGCACTG 452
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                                                                                                                                                                                                                                                                                                                                                                             14; Conservative
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                                                                                                                                                                                                    9, Application US/08996306
5945522
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San Diego
: California
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                               501 West Broadway
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: Marshall, O'Toole, Gerstein, Murray & Borun 233 South Wacker, Sears Tower Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      312-474-6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                single
                                                                                                                                                                                                                                                                                                                                                                                           0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 7.3e+02;
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COUNTRY:

92101-3505

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NUMBER OF SEQ ID NOS: 47

SEQ ID NO 30

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
US-09-161-015-17

US-09-161-015-17

; Sequence 17, Application US/09161015A

; Patent No. 5965370
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US-09-156-979-30/c
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; LOCATION:
US-08-996-306-49
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                                                                                                                                                                                                                                          ) OTHER INFORMATION: Antisense Oligonucleotide US-09-156-979-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Israelsen, Ned A.
REGISTRATION NUMBER: 29,655
REFERENCE/DOCKET NUMBER: GENS:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-850
TELEPAX: (619) 235-076
INFORMATION FOR SEQ ID NO: 49:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY. LINEAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 30, Application US/09156979 Patent No. 5962672 GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                       Best
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                                                                                                                                                                                                        Query Match
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TITLE OF INVENTION: ANTIGENSE MODULATION OF RhoB EXPRESSION
FILE REPERSUE: RTS-0013
                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/156,979
CURRENT FILING DATE: 1998-09-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Win95
SOFTWANDER: MACCOMPUTER: MACCOMPUTER SYSTEM: Win95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/996,306
FILING DATE:
                                                                                                                                                                                       Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY:
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                                                                                                                                     1628 GCAGAGAGCTGGCCC 1642
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                                                                                                                                                                                       Similarity
                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LINEAR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.2%;
                                                                                                                                                                       0.2%; Score 13.4; DB 1; Length 18; 93.3%; Pred. No. 7.3e+02; Live 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          <u>,</u>
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Pred. No. 7.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1;
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Sequence 15, Application US/09166203A

Patent No. 5968826

GENERAL INFORMATION:

APPLICANT: Bennett, C. Frank

APPLICANT: Condon, Tom P.

APPLICANT: Condon, Tom P.

APPLICANT: Condon, Tom P.

APPLICANT: CONDON, ANTISENSE MODULATION OF INTEGRIN 4 E

FILE REFERENCE: ISPH-0323

CURRENT APPLICATION NUMBER: US/09/166,203A

CURRENT FILING DATE: 1998-10-05

NUMBER OF SEQ ID NOS: 60

SEQ ID NO 15
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US-09-161-015-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-161-015-17
; OTHER INFORMATION: antisense sequence US-09-166-203-15
                                                                                                                                                                                                                                                                                                                                                 US-09-166-203-15/c
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Patent No. 5965370
GENERRAL INFORMATION:
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 47
SEQ ID NO 24
LENGTH: 18
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CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF RhoG EXPRESSION
PILE REFERENCE: RTS-0015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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Best Local S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%;
Best Local Similarity 93.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ANTISENSE MODULATION OF RhoG EXPRESSION FILE REFERENCE: RTS-0015
CURRENT APPLICATION NUMBER: US/09/161,015A
CURRENT FILING DATE: 1998-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Antisense Oligonucleotide
                                       FEATURE:
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                                                                                               LENGTH: 18
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Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 13.4; DB 1;
Pred. No. 7.3e+02;
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                                                                                                                                                                                                                 EXPRESSION
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Query Match

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                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/08/544,301L
APPLICATION NUMBER: US/08/544,301L
FILING DATE: 10-OCT-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA: US 08/510,521
APPLICATION UMBER: US 08/510,521
PILING DATE: 02-AUG-1995
PRIOR APPLICATION DATA:
ADDITICATION NUMBER: PCT/US94/12305
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 57, Patent No. 6
                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US94/12305
APPLICATION DATE: 26-OCT-1994
PRIOR APPLICATION DATA: 05 08/284,064
PRIOR APPLICATION NUMBER: US 08/284,064
PRIOR APPLICATION DATA: 05 08/143,312
PRIOR APPLICATION NUMBER: US 08/143,312
APPLICATION NUMBER: US 08/143,312
APPLICATION NUMBER: US 08/143,312
APPLICATION NUMBER: 37,505
APPLICATION NUMBER: 37,505
REGISTRATION NUMBER: 37,505
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APPLICANT: Cronin
                                                                                                                                                                                       TELEFAX: 415-576-0300 INFORMATION FOR SEQ ID NO:
                                                                  STRANDEDNESS: si
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: Two Line CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                       TELEPHONE: 415-576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Morris, Macdonald S.
APPLICANT: Sheldon, Edward L.
TITLE OF INVENTION: Arrays of Nucleic Acid Probes for
TITLE OF INVENTION: Detecting Cystic Fibrosis
                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
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                                                                                                                                                  LENGTH:
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                                                                                                                             nucleic acid
                                                                                                                                                18 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Huang, Xiaohua C.
Lipshutz, Robert J.
Lobban, Peter E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Fodor, Stephen P.A.
Huang, Xiaohua C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Chee, Mark
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                                                                          DNA (oligonucleotide)
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Charles Garrett
, Earl A.
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0.2%;
93.3%;
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Score 13.4; DB 1;
Pred. No. 7.3e+02;
                 Length 18;
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Sequence 14, Application US/09054830 Patent No. 6127121 GENERAL INFORMATION:

APPLICANT: Meyer, Rich

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US-09-054-830-14/c
                 RESULT 1172
                                                                                                                                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-163-162-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 1171
US-09-163-162-36/c
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; Sequence 29, Application US/09256465
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APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF AKT-2 EXPRESSION
PILE REFERENCE: RTS-0035
CURRENT APPLICATION NUMBER: US/09/256,465
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 29
LENGTH: 18
                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 47
SEQ ID NO 36
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Ackermann, Elizabeth J.
APPLICANT: Swayze, Eric E.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
                                                                                                                           Matches
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Patent No. 6077709
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                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION NUMBER: US/09/163,162
CURRENT FILING DATE: 1998-09-29
                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: RTS-0008
                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide
                                                                                 3871 TTTGTGATGAGAGAA 3885
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                                                               16 TGTGTGATGAGAA
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93.3%; Pred. No. 7
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Pred. No. 7.3e+02;
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RESULT 1173
US-09-174-437-12
                                                                        , OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-174-437-12
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                                                                                                                                                                                                                                                                                                                                                                    Sequence 12, Applicate Patent No. 6133007 GENERAL INFORMATION:
Query Match 0.3
Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                  SEQ ID NO 12
LENGTH: 18
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                                                                                                                                                                                                  FILE REFERENCE: 27866/35047
CURRENT APPLICATION NUMBER: US/09/174,437A
CURRENT FILING DATE: 1998-10-16
EARLIER APPLICATION NUMBER: 08/951,648
EARLIER FILING DATE: 1997-10-16
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                APPLICANT: Loughney, Kate
TITLE OF INVENTION: Phosphodiesterase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: OLIGONUCLEOTID TITLE OF INVENTION: PYRAZOLO [3,4-D TITLE OF INVENTION: MIGMATCH DISCR NUMBER OF SEQUENCES: 20 CORRESPONDENCE ADDRESS: MORRISON & FOERSTER STREET: 755 PAGE MILL ROAD CITY: PALO ALTO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FeatSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          / Match 0.2%; Score 13.4; Local Similarity 93.3%; Pred. No. 7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 18 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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TELEX: 706141
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                   0.2%;
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Score 13.4; DB 1;
Pred. No. 7.3e+02;
0; Mismatches 1;
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RESULT 1176
US-09-474-922A-67
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US-09-286-407-36/c
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US-09-487-444-11/c
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                                                                                                                                                                                            US-09-286-407-36
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                                                                                                                                                                                                                                                                                                                                                             Sequence 36, Application US/09286407A
PATENT NO. 6165788
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Ackermann, Blizabeth J.
APPLICANT: Swayze, Eric E.
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
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Patent No. 6159697
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION
FILE REFERENCE: RTS-0133
                                                                                                                                                                                                                                                                    SEQ ID NO 36
LENGTH: 18
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CURRENT FILING DATE: 2000-01-19
NUMBER OF SEQ ID NOS: 49
SEQ ID NO 11
                                                                                                                                          Query Match
Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/286,407A
CURRENT FILING DATE: 1999-04-05
                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                         3871 TTTGTGATGAGAGAA 3885
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                                                                                                                                           Score 13.4; DB 1;
Pred. No. 7.3e+02;
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Pred. No. 7.
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Sequence 67, Application US/09474922A Patent No. 6187586 GENERAL INFORMATION: APPLICANT: Brett P. Monia

APPLICANT:

Brett P. Monia Lex M. Cowsert

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                                                     US-09-038-073-2581
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CURRENT FILING DATE: 1999-12-29
NUMBER OF SEQ ID NOS: 89
SEQ ID NOS: 89
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Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.2%; Score 13.4; DB 1; Length 18; Best Local Similarity 93.3%; Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Richard A. Roth
                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: WAIDUIG, RICHARD
REGISTRATION UNWBER: 32,327
REFERENCE/DOCKET NUMBER: 218/
TELECOMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENGTH: 18
                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                         FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES NUMBER OF SEQUENCES: 2751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. DOS SOFTWARE: FASTER Version 1.5
                                                                                                  LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 633 West F:
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
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California
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633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      McSwiggen, James
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
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                                                                                   single
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0.2%;
93.3%;
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                                                                                                                                                                                                                                                    218/078
 Score 13.4; DB 1;
Pred. No. 7.3e+02;
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                  Length 18;
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RESULT 1179
US-09-071-433-14
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US-09-038-073-2672/c
                                                                                                                                                                                                                                                                                                                    US-09-038-073-2672
Sequence 14, Application US/09071433A
Patent No. 6197584
GENERAL INFORMATION:
APPLICANT: Bennett, C. Frank
APPLICANT: Cowsett, Lex M
TITLE OF INVENTION: Antisense Modulation of CD40 Expression
FILE REFERENCE: RTS-0002
                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 6194150
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Stinchcomb, Daniel T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Jarvis, T
APPLICANT: McSwiggen
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: PILING DATE:
PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
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ATTORNEY/AGENT INFORMATION:
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                   LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard REGISTRATION NUMBER: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A. ZIP: 90071
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                                                                                                                                                                                                                    438 CAAAGGACAGCACTG 452
                                                                                                                                                                                       15 CAAAGAACAGCACTG 1
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; MOLECULE TYPE:
US-09-038-637-142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 142, Application US/09038637 Patent No. 6235470
                                                                Matches
                                                                                 Query Match
Best Local |
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APPLICANT: Sidran
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
COMPUTER: IBM Compat
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STREET: %2...
CITY: La Jolla
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CA
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TIGA
                                                                                                                                                                                                                                                                      NAME: Haile, Liba A.
REGISTATION NUMBER: 38,347
REGERENCE/DOCKET NUMBER: 077
REGERENCE/DOCKET NUMBER: 077
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/09/038,637
FILING DATE: 10-MAR-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/579,233
                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
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Local Similarity 93.3%;
                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                             Local
                                3607 CTCAAACTCCTGGAC 3621
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                                                                             Similarity
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CTCAAACTCCTGGCC 4
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                                                              Conservative
                                                                                                                                                             linear
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                                                                                                                                            Genomic DNA
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Pred. No. 7.3e+02;
                                                              Score 13.4; DB 1;
Pred. No. 7.3e+02;
0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                          RESULT 1182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-338-352-11
                                                                                                                                                                                                                                                                                                                                                                                                                            0.2%;
BEST Local Similarity 93.3%;
Matches 14; Conservative
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NUMBER OF SEQ ID NOS: 99
SEQ ID NO 15
LENGTH: 18
                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                   Sequence 15, Application US/09377309B Patent No. 6258790
                                                                       APPLICANT: Bennett, C. Frank
APPLICANT: Condon, Tom P.
APPLICANT: Cowdert, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4
FILE REFERENCE: ISPH-0390
CURRENT APPLICATION NUMBER: US/09/377,309B
CURRENT FILING DATE: 1999-08-19
EARLIER APPLICATION NUMBER: 09/166,203
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INFORMATION FOR SEQ ID NO:
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PRIOR APPLICATION DATA:
APPLICATION UNMBER: US 07/935,444
PILING DATE: 25-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                           EARLIER FILING DATE: 1998-10-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/338,352
PILING DATE: 14-NOV-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
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TITLE OF INVENTION:
TITLE OF INVENTION:
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (415) 494-0792
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JONES, ROBERT J
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                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
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                                                                                                                                                         EXPRESSION
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                                                                                                                                                                                                                                        Sequence 385, Applica
Patent No. 6265546
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
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CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
EARLIER APPLICATION NUMBER: 09/218,207
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CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09
EARLIER FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 09/218,207
                                                                                                                             APPLICANT: 11ya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
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APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
                                                                                                                                                                                                      APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
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SOFTWARE: Patent.pm
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ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..18
COTHER INFORMATION: downstream amplification primer 4-26-RP
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ORGANISM: Artificial Sequence
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nes 14; Conserv
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Pred. No. 7.3e+02;
0; Mismatches 1
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Pred. No. 7.3e+02;
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; FEATURE:
, NAME/KEY: misc feature
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer for SEQ 192,
US-09-338-907-385
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NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
SEQ ID NO 385
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TYPE: DNA
ORGANISM: Homo Sapiens
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NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REGISTRATION NUMBER: 018547-015700US
REFERENCE/DOCKET NUMBER: 018547-015700US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 01
FILING DATE: 26-OCT-1993
                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOUTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                         ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                         APPLICATION NUMBER: US 08/284,064
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: WO PCT/US94/12305
FILING DATE: 26-OCT-1994
                                                                                                            FILING DATE: 02-AUG-1995
APPLICATION NUMBER: US 08/544,381
FILING DATE: 10-OCT-1995
                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 03-JAN
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CITY: San Francisco
                                                                                                                                                            FILING DATE: 26-OCT APPLICATION NUMBER:
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14; Conserv
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Two Embarcadero Center, Eighth Floor
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Morris, MacDonald S.
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Huang, Xiaohua C.
Lipshutz, Robert J.
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ilarity 93.3%;
Conservative
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03-JAN-1997
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Arrays of Nucleic Acid Probes
for Analyzing Biotransformation Genes
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Charles Garrett
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Pred. No. 7.3e+02;
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CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
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                                                                                                                                                                                                                                                                                                          Sequence 85, Application US/09496694B Patent No. 6335194
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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APPLICANT:
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APPLICANT: Lex M. COMBÉRT
TITLE OF INVENTION: ARTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REPERENCE: ISPH-0439
CURRENT APPLICATION NUMBER: US/09/496,694B
CURRENT FILLING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILLING DATE: 1999-04-05
PRIOR FILLING DATE: 1999-04-05
PRIOR PILLING DATE: 1999-04-05
PRIOR PILLING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
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APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                               APPLICANT: C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: DNA
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Local Similarity 93.3%;
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                                                                                                                                                                                                                                                                                      INFORMATION:
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                                                                                                                                                                                                                  Elizabeth J. Ackermann
Eric E. Swayze
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  18 base pairs
                                                                                                                                                                                                                                                                 Frank Bennett
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 115:
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Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLB OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET 018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
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APPLICANT: Chen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Ilya, Chumakov
APPLICANT: Bugueleret, Lydde
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET.018(P)
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
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                                                                                                                                                                                                                                                         Sequence 385, Application US/09218207 Patent No. 6346381 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 85
LENGTH: 18
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SEQ ID NO 49
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Best Local Similarity
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Best Local Similarity
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 4-26-RP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
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OTHER INFORMATION: Antisense Oligonucleotide
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93.3%;
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Pred. No. 7.3e+02
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Pred. No. 7.3e+02;
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US-08-584-040-8410
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..18
; COTHER INFORMATION: downstream amplification primer for SEQ 192, SEQ 269, SEQ 193, US-09-218-207-385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-584-040-8410/c
       Query Match
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Best Local Similarity 93.3%;
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOPTWARE: Patent.pm
SEQ ID NO 385
LENGTH: 18
                                                                                                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 485-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILLING DATE: OCTOBER 26, 1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Word Perfect CURRENT APPLICATION DATA:
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APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: 150. COMPUT
                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/584,040 FILING DATE: January 11, 1996
                                                                                                                     TOPOLOGY: 1in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,3
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STATE: California
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                                                                                                                                                                                                                       LENGTH:
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o. 6346398
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633 West Fifth Street
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McSwiggen, James
Stinchcomb, Dan T.
                                                                                                                     linear
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0.2%;
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   Score 13.4;
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Pred. No. 7.3e+02;
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   DB 1;
   Length 18;
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                                                                                                                                                                                               PILING DATE: 14-NOV-1994
CLASSIFICATION: 536
ERIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/935,444
APPLICATION WINDER: US 07/935,444
FILING DATE: 25-AUG-1992
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
NAME TO ATTOM NUMBER: US 07/799,824
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                INFORMATION FOR SEQ ID NO:
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APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/976,103
FILING DATE: 25-NOV-1992
SEQUENCE CHARACTERISTICS:
                                                                  REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 573-4712
                                                                                                                 CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: MUENCHAU, DARYL D.
REGISTRATION NUMBER: 36,616
                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: GILEAD SC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US 01
FILING DATE: 07-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 353 Lakeside Drive CITY: Foster City STATE: California
                                                                                                                                                                                         APPLICATION NUMBER: US 0 FILING DATE: 26-NOV-1991
                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 23 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 12
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn
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6380368
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MATTEUCCI, MARK
JONES, ROBERT J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                    (415) 573-4899
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GUTIERREZ, ARNOLD J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FROEHLER, BRIAN
                                                                                                                                                                                                                                                                                                                                                                                                   23-OCT-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12-FEB-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX FORMATION WITH OLIGOMERS CONTAINING MODIFIED PYRIMIDINES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SCIENCES, INC
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                                                                                                                                                                                                                                                                                                                                                   US 08/338,352
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                                                                                                        162.3D2
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RESULT 1193
US-09-387-341-91/c
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// OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-637-751A-6
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                                                                                           CURRENT FILING DATE: 1999-08-31
CURRENT FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER APPLICATION NUMBER: 09/156,979
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,807
EARLIER FILING DATE: 1998-09-18
EARLIER FILING DATE: 1998-09-18
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SEQ ID NO 6
LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Feng, Li
APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tags
Patent No. 6383754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/09637751A Patent No. 6383754
SEQ ID NO 91
LENGTH: 18
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                         TITLE OF INVENTION: Antisense Modulation of Human Rho Family TITLE OF INVENTION: Expression FILE REFERENCE: ISSPH-0404 US/09/387,341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/637,751A
CURRENT FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
                                                   EARLIER FILING DATE: 1998-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: AGL 100
                                                                                                                                                                                                                                                                                                                                     ENERAL INFORMATION:
                                                                                     EARLIER APPLICATION NUMBER: 09/161,015
                                                                                                                                                                                                                                                                                              APPLICANT: Roberts, M. Luisa
APPLICANT: Cowsert, Lex M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: singl
TOPOLOGY: linear
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Local Similarity 93.3%;
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Local Similarity 93.3%;
les 14; Conservative
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                                  Patentin
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Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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                                                                                                                                                                                                                                                                                                                                           US-09-387-341-167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-387-341-160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: ISPH-0404

CURRENT APPLICATION NUMBER: US/09/387,341

CURRENT FILING DATE: 1999-08-31

EARLIER APPLICATION NUMBER: 09/156,424

EARLIER FILING DATE: 1998-09-18

EARLIER PILING DATE: 1998-09-18

EARLIER PILING DATE: 1998-09-18

EARLIER APPLICATION NUMBER: 09/156,807

EARLIER FILING DATE: 1998-09-18

EARLIER PILING DATE: 1998-09-18

EARLIER PILING DATE: 1998-09-18

EARLIER APPLICATION NUMBER: 09/161,015
                                                                                                                                                                                                                                                                                   Sequence 167, Application US/09387341 Patent No. 6410323 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 160
LENGTH: 18
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Patent No. 641032
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Best Local Similarity
                                                                                      EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979
                                                                                                                                              APPLICANT: Roberts, M. Luisa
APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: Antisense Modulation of TITLE OF INVENTION: Expression
FILE REPERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EARLIER FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 233
SOFTWARE: PatentIn Ver: 2.0
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APPLICANT: Cowsert, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
TITLE OF INVENTION: Expression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              761 GGTCACTGTGCGCCC 775
FILING DATE:
                                  APPLICATION NUMBER: 09/156,807 FILING DATE: 1998-09-18
                                                                          FILING DATE: 1998-09-18
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                  APPLICATION NUMBER: 09/161,015
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93.3%;
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Pred. No. 7.3e
0; Mismatches
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Pred. No. 7
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GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12F
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/058,612
PRIOR FILING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASTSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Sim
Matches 14;
                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIG
TITLE OF INVENTION: PYRA
TITLE OF INVENTION: MISM
NUMBER OF SEQUENCES: 20
                                                                                                                                                                                                                                                                                                                                        Sequence 14, Application US/09431385
Patent No. 6485906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 36, Appa-
Sequence 36, Appa-
No. 6432639
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LENGTH: 18
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Best Local Similarity
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SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
       COUNTRY: USA
ZIP: 94304-1018
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
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                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
APPLICATION NUMBER:
                                                                                                                                                       STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1799 TCTGTCTGCACTGGA 1813
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                                                                                                                                                                                                                                                      OLIGONUCLEOTIDES CONTAINING
PYRAZOLO[3,4-D]PYRIMIDINES FOR HYBRIDIZATION AND
MISMATCH DISCRIMINATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%;
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US/09/431,385
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 13.4; DB 1;
Pred. No. 7.3e+02;
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CURRENT APPLICATION UNMBER: US/09/077,619
CURRENT FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/GB96/02959
PRIOR FILING DATE: 1996-11-29
PRIOR APPLICATION NUMBER: GB 9524381.2
PRIOR FILING DATE: 1995-11-29
NUMBER OF SEQ ID NOS: 46
SOPTWARE: Patentin version 3.0
SEQ ID NO 17
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-17
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                                                                                                                                     US-09-422-978-5874/c
                                                                                                                                                        RESULT 1199
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 1198
        GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
                                                                                                  Sequence 5874, Application US/09422978 Patent No. 6537751
                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Patent No. 6500614
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: AVAKIAN, HOVANES
APPLICANT: MADRIGAL, Alejandro
TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
FILE REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: 028979/0104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ARGUELLO,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 34
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1998-APR-03
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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TBLEFAX: 706141
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
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                                                                                                                                                                                                                                           4549 GAGCAGCTGATAGCC 4563
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Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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RESULT 1201
US-09-422-978-7679/c
US-09-422-978-7679, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITILE OF INVENTION: Biallelic markers for us
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
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Patent No. 6537751
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                ORGANISM: Homo Sapiens
FRATURE:
FRATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-4649 for SEQ 3501,
9-09-422-978-7435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
SEQ ID NO 7435
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Best Local (
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EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: upstream amplification primer 99-7475 for -09-422-978-5874
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                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                   3582 GGCTTCCCATGTTGC 3596
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Pred. No. 7.3e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                  Score 13.4; DB 1;
Pred. No. 7.3e+02;
0; Mismatches 1;
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; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-11-23
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7679
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US-09-422-978-8412
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CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-14-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET.020CP1
                                                                           Matches
                                                                                               Query Match
Best Local
                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8412
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 8412,
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Best Local Similarity
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                                                                                                                                                                   NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-15310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo Sapiens FEATURE: NAME/KEY: primer_bind LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                               ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                   TYPE: DNA
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                                                                                                                                                                                                                                                                                       LENGTH:
                                                                                           Local Similarity
                                     2121 GATGAAGCGGAAGGA 2135
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GATGAAGCGGAAAGA
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Pred. No. 7.3e+02;
0; Mismatches 1.
                                                                                           Score 13.4; DB 1;
Pred. No. 7.3e+02;
                                                                           Mismatches
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RESULT 1203 US-09-422-978-11781 ; Sequence 11781, Application US/09422978 ; Patent No. 6537751

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RESULT 1205
US-09-686-055A-12
; Sequence 12, Application US/09686055A
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TYPE: DNA

TYPE: ORANGE: Homo Sapiens

FEATURE:

FEATURE:

NAME/KEY: primer_bind

LOCATION: 1..18

OTHER INFORMATION: downstream amplification primer 4-26 for SEQ 3916, US-09-422-978-11781
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APPLICANT: VON MELCI
APPLICANT: ANDREU, '
APPLICANT: EBENSPER
                                                                                                                                                                                 Query Match
Best Local S
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PRIOR FILING DATE: 1999-05
PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1998-07
NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                        SEQ ID NO 1
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/09509654 Patent No. 6537805
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EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/509,654
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: SELF-DELETING VECTORS FILE REFERENCE: 07089.0009U1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of OTHER INFORMATION: construct
                                                                                                                                                                                                                                                                                             FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3075 TGAGGACTGCAAGGA 3089
                                                                                                                              2098 GCCTGCACTTGCCTG 2112
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14; Conservative
                                                                                                                                                                                   Similarity
                                                                                                                                                                                                                                                                                                                                                                                   FastSEQ for Windows Version 4.0
                                                                                             GCCTGGACTTGCCTG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EBENSPERGER, CHRISTOPHE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        VON MELCHNER, HARALD
                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                               1998-07-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                      UMBER: PCT/EP99/03607
1999-05-25
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                                                                                                                                                                                 Score 13.4; DB 1;
Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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RESULT 1207 US-10-294-203-10

Sequence 10, Application US/10294203 Patent No. 6753168

GENERAL INFORMATION: APPLICANT: Froehler, APPLICANT: Wagner, I

Brian Rick , Mark

APPLICANT:

Wagner, Rick Mateucci, Mai

Robert

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APPLICANT: Escabedo, Jaime

APPLICANT: Escabedo, Jaime

ITITLE OF INVENTION: Method and Reagent for the Treatment of Di

ITITLE OF INVENTION: Method and Reagent for the Invention of Di

ITITLE OF INVENTION: Method and Reagent for the Treatment of Di

CURRENT ESCAPENCE: MEHBOO, 876-U (237/198)

CURRENT APPLICATION NUMBER: US(09/371,772B)

CURRENT FILING DATE: 1995-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR APPLICATION NUMBER: US 08/5
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; GENERAL INFORMATION; Kate
; APPLICANT: Loughney, Kate
; TITLE OF INVENTION: Phosphodiesterase 8A
; FILE REFERENCE: 27866/35047
; CURRENT APPLICATION NUMBER: US/09/686,055A
; CURRENT FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 08/951,648
; PRIOR FILING DATE: 1997-10-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
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SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 12
LENGTH: 18
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                                                                                                                                                                                Best Local Similarity
                                                                                                                                                                                                                   Query Match
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                                                                        2595 CIGCCGGCIGICICA 2609
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                                                                                                                                                                                0.2%; Score 13.4; DB 1; 93.3%; Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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APPLICANT:

Gutierrez, Arnold J

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CURRENT APPLICATION NUMBER: US/10/294,203
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: 08/599,738
PRIOR FILING DATE: 1996-02-12
PRIOR APPLICATION NUMBER: 10/024,818
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 54
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SOPTWARE: FABTSEQ for Windows Version 4.0
SEQ ID NO 510
                                                                                                                                                                                                                                                                Query Match 0.2%; Score 13.4; DB 1; Best Local Similarity 93.3%; Pred. No. 7.3e+02; Matches 14; Conservative 0; Mismatches 1;
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                                      GENERAL INFORMATION:
                                                         Sequence 6, Application US/09994311 Patent No. 6773886
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Best Local Similarity
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SEQ ID NO 10
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/544,398B CURRENT FILING DATE: 2002-06-10 PRIOR APPLICATION NUMBER: US 09/229,319 PRIOR FILING DATE: 1999-01-13 PRIOR APPLICATION NUMBER: US 60/071,449 PRIOR PILING DATE: 1998-01-13 PRIOR APPLICATION NUMBER: US 60/105,511 PRIOR APPLICATION NUMBER: US 60/105,511 PRIOR PILING DATE: 1998-10-23
APPLICANT: Kaufman, Joseph C. APPLICANT: Roth, Matthew E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Carull
APPLICANT: Little
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TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
TITLE OF INVENTION: Containing Modified Pyrimidines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Synthetic construct
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                                                                                                                                                                                                           2355 AGAGCACCCCATCCC 2369
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Pred. No. 7.3e+02;
0; Mismatches 1;
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APPLICANT: Ptacek, Louis
APPLICANT: White, H. Steve
APPLICANT: White, H. Steve
APPLICANT: White, H. Steve
APPLICANT: Pt., Ying-Hui
APPLICANT: Skradski, Shana
ITILE OF INVENTION: MASS 1 GENE, A TARGET FOR ANTICONVULSANT DRUG DEVELOPMENT
FILE REFERENCE: 1321.2.53
CURRENT APPLICATION NUMBER: US/10/220,587
CURRENT FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: US 60/187,209
PRIOR APPLICATION NUMBER: US 60/222,898
PRIOR APPLICATION NUMBER: US 60/222,898
PRIOR FILING DATE: 2000-07-03
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn version 3.0
SEQ ID NO 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Lizardi, Paul M.
APPLICANT: Latimer, Li
APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tags
FILE REFERENCE: AGL 100
CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
FRIOR APPLICATION NUMBER: US/09/637,751
FRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver: 2.1
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                                                                                                                         RESULT 1211
PCT-US91-03680-74/c
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; OTHER INFORMATION: synthetic oligonucleotide
US-10-220-587-31
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US-10-220-587-31
Sequence 74, Application PC/TUS9103680

Sequence 74, Application PC/TUS9103680

GENERAL INFORMATION:
APPLICANT: Matteucci, Mark D.
APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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Patent No. 679418
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Best Local Similarity
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Best Local Similarity
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TYPE: DNA
ORGANISM: Artificial
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                          Score 13.4;
Pred. No. 7.
                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
                                                                                                                                                                                                                                                                                                          DB 1;
.3e+02;
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RESULT 1212
PCT-US91-03680-154/c
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                                                                                                                                                                                                                                                                                      Sequence 154, Application PC/TUS9103680 GENERAL INFORMATION:
APPLICANT: Matteucci, Mark D.
ADDITIONS. Franctick Ct. 100
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: MUZBBhige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                              APPLICANT: Krawczyk, Steven
TITLE OF INVENTION: SEQUENCE
TITLE OF INVENTION: CROSSLIN
TITLE OF INVENTION: DUPLEX I
NUMBER OF SEQUENCES: 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: PC:
FILING DATE: 19910524
CLASSIFICATION: 435
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                            CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: modified_base
LOCATION: 18
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Match 0.2%;
Local Similarity 82.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                            COUNTRY: U
                                                                                                                    STREET: 545 Middlefield Road, Suite 200 CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: /mod_base= OTHER OTHER INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Morrison & Foerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
                                                                                                                                                          ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 18 base pairs TYPE: NUCLEIC ACID STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5397 AAATACAAAAAAGAAAA 5413
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                                                                                                                                                        Morrison & Foerster
                                                                                                                                                                                                                  SEQUENCE-SPECIFIC NONPHOTOACTIVATED CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF DUPLEX DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DUPLEX DNA
158
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               TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 42, Application PC/TUS9507744A GENERAL INFORMATION:
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                                                                                                                                                                 APPLICATION NUMBER: PCT/US
FILING DATE: 15-JUNE-1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/261
FILING DATE: June 17, 1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: 706141
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASTICATION: 435
ATTORNEY A TORNEY
ATTORNEY A TORNEY
                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 19103
COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Trustees of The University of Pennsylvania TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene TITLE OF INVENTION: and Pathogens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 415-327-7250
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                                                                                                                                NAME: Beardell, Lori
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /mote= "N4,N4-ethanocytosine deoxynucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
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TELEFAX: 415-327-2951
TELEX: 706141
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REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 46:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION:
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One Liberty Place, 46th floor
18 base pairs
ucleic acid
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                                                                                                                                 34,293
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Pred. No. 7.3e+02;
0; Mismatches 2;
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RESULT 1215
US-08-299-074A-40
; Sequence 40, Application US/08299074A
; Patent No. 5955263
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HYPOTHETICAL: NO
ANTI-SENSE: YES
PCT-US95-07744A-42
                                                                                                                                                                                                                                      US-08-246-583-13
                                                                                                                                                                         Matches
                                                                                                                                                                                   Query Match 0.2%; Score 13.4; DB 1; Length 19; Best Local Similarity 93.3%; Pred. No. 7.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/246,583
FILING DATE: 20-MAX-1994
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 13, Ap
Patent No. 5750
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TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                      LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Palese, I
APPLICANT: O'Neill,
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                         NAME: COTUZZÍ, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 69:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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                                                                                                                                     3446 AGCAGGAGAAACCTC 3460
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1155 AVENUE OF THE AMERICAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         O'Neill, Robert
VENTION: IDENTIFICATION AND USE OF ANTIVIRAL
VENTION: COMPOUNDS THAT INHIBIT INTERACTION OF HOST CELL PROTEINS
VENTION: AND VIRAL PROTEINS REQUIRED FOR VIRAL REPLICATION
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Pred. No. 7.3e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
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                                                                                                                                                                                  7e+02
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                                                                                                                                                                       Indels
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US-08-881-784-18/c
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Patent No. 6083731
GENERAL INFORMATION:
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OPERATING SYSTEM: DOS
SOFTWARE: FASTSSQ for Windows Version 2.0
SOFTWARE: FASTSSQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/299,074A
FILING DATE: 01-SEP-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/860,758
FILING DATE: 31-MAR-1992
APPLICATION NUMBER: 07/715,182
FILING DATE: 14-UUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 32141
REGISTRATION NUMBER: 01107 47071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDERNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: "Vogelstein, Bert
APPLICANT: Kinzler, Kenneth
APPLICANT: Sherman, Michael
TITLE OF INVENTION: SEQUENCE
TITLE OF INVENTION: BY P53
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                             NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSES: Christensen, O'Connor, Johnson and Kindness
ADDRESSES: PLLC
STREET: 1420 Fifth Avenue, Suite 2800
                                                                                                                                                                                              APPLICANT: Croteau, Rodney I
APPLICANT: Lupien, Shari L.
APPLICANT: Karp, Frank
TITLE OF INVENTION: RECOMBII
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-508-9100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
ZIP: 20001
COMPUTER READABLE FORM:
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CITY: Washington
TTATE: DC
COMPUTER READABLE FORM:
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                                                                        STREET: 1420 P
CITY: Seattle
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                  COUNTRY: U
                                                       STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 202-508-9299
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Similarity 93.3%; Pred. No. 7.7e+02;
14; Conservative 0; Mismatches 1
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1001 G Street, NW
                                       USA
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SEQUENCE SPECIFIC DNA BINDING
BY P53
                                                                                                                                                                            RECOMBINANT MATERIALS AND METHODS FOR THE PRODUCTION OF LIMONENE HYDROXYLASES 58
                                                                                                                                                                                                                                                                               Rodney B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40:
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APPLICANT: Lupien, Shari L
APPLICANT: Lupien, Shari L
APPLICANT: Lupien, Shari L
APPLICANT: Karp, Frank
TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR THE PRODUCTION OF
TITLE OF INVENTION: LIMONENE HYDROXYLASES
FILE REFERENCE: wsur13463
CURRENT APPLICATION NUMBER: US/09/292,768
CURRENT FILING DATE: 1999-04-14
EARLIER APPLICATION NUMBER: 08/881,784
EARLIER FILING DATE: 1997-06-24
RARLIER FILING DATE: 1997-06-24
NUMBER OF SEQ ID NOS: 70
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 18
LENGTH: 19
                                                                                          Query Match
Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                          NAME/KGY: misc_feature
LOCATION: (1).-(19)
OTHER INFORMATION: Oligonucleotide primer that primes the polyA tail
OTHER INFORMATION: on cDNA molecules
                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: primer 3.B
                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
                                                                                                                                                                                                                                                                       FEATURE:
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NAME: Shelton, Dennis K.
REGISTRATION NUMBER: 26,997
REFERENCE/DOCKET NUMBER: WSI
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/881,784
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: 1..19
OTHER INFORMATION: /product= "Primer 3.B (Table 1)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 19 base pairs TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0
                                                                                        Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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5392 TAAAAAAATACAAAAAAGA 5410 :||||||| | | ||||
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                                                               0.2%;
1 Similarity 78.9%;
15; Conservative
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ilarity 78.9%;
Conservative
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                                                                                   Score 13.4; DB 1; Length 19; Pred. No. 7.7e+02;
                                                                    Indels
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APPLICANT: Abbott Laboratories
APPLICANT: Lan, Yuo
APPLICANT: Giranda, Vincent L.
APPLICANT: Giranda, Vincent L.
APPLICANT: Golow-Magnone, Shayna K.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES OF THE HUMAN
TITLE OF INVENTION: CHK1 GENE AND USES THEREOF
FILE REFERENCE: 6675, US.01
CURRENT APPLICATION NUMBER: US/09/522,800
CURRENT FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 17
SOFTMARE: FRASTSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: CHK1-as12
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Patent No. 6211164
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Vogelstein, Bert
APPLICANT: Kinzler, Kenneth
APPLICANT: Sherman, Michael
TITLE OF INVENTION: SEQUENCE SPECIFIC DNA BINDING
TITLE OF INVENTION: BY P53
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                          OPERATING SYSTEM: DOS
SOPTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Wir
                                  FILING DATE: 14-JUN-1991
ATTORNEY/AGENT INFORMATION:
NAME: Kagan, Sarah A
REGISTRATION NUMBER: 3214
                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                              STATE:
                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                    FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                         APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                         ZIP: 20001
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1001 G Street, NW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Application US/09399773
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                   01107.47071
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Pred. No. 7.7e+02;
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, SEQ ID NO 175
, LENGTH: 19
, TYPE: DNA
, ORGANISM: Homo sapiens
US-09-564-805-175
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US-09-564-805-175
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                                                                                                                                                                                                                                                                                                    RESULT 1221
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                                                                                                                                                                                                     Sequence 24, Application US/09636791A
Patent No. 6503703
GENERAL INFORMATION:
APPLICANT: Palese et al
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.2%;
Best Local Similarity 93.3%;
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                                           APPLICANT: Palese et al TITLE OF INVENTION: IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS THAT TITLE OF INVENTION: INHIBIT INTERACTION OF HOST CELL PROTEINS AND VIRAL TITLE OF INVENTION: PROTEINS REQUIRED FOR VIRAL REPLICATION FRILE REFERENCE: 6923-077-999
FILE REFERENCE: 6923-077-999
CURRENT APPLICATION NUMBER: US/09/636,791A
CURRENT FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/148,263
PRIOR PILING DATE: 1999-08-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US (
PRIOR TILING DATE: 1998-11-06
PRIOR APPLICATION NUMBER: 09/4
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/564,805
CURRENT FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
FILE REFERENCE: 2318-258
SOFTWARE:
                                 NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 202-508-9100
TELEPAX: 202-508-9299
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                 FastSEQ for Windows Version
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Tavtigian,
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
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Sequence 11331, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Cohen, Daniel

APPLICANT: Chenshov, Ilya

TITLE OF INVENTION. Biallelic markers for use in constructing a high density...

PILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER PILING DATE: 1998-04-21

EARLIER PILING DATE: 1998-04-21

EARLIER PILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21

EARLIER FILING DATE: 1998-04-21
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US-09-422-978-11331
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                                                                                                                                                                                                                                                                                                                          US-09-548-797B-51/c
                                                                                                                                                                                                                                                                                                                                            RESULT 1223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-422-978-11331
                                                                                                     Sequence 51, Application US/09548797B
Patent NO. 6683165
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: OBESITY
PILE REFERENCE: 2976-4039
CURRENT APPLICATION NUMBER: US/09/548,797B
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: 60/129,391
PRIOR PILING DATE: 1999-04-13
NUMBER DO SEA TO MOSE 170
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Best Local Similarity
Matches 14; Conserv
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SEQ ID NO 11331
LENGTH: 19
                                                       SEQ ID NO 51
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                                                                       NUMBER OF SEQ ID NOS: 170
SOFTWARE: PatentIn Ver. 2
                 TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAMB/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-4283 for SEQ 3466,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 19
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                            3703
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93.3%;
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Pred. No. 7.7e+02;
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FILE REFERENCE: MOBT:216
CURRENT APPLICATION NUMBER: US/09/371,307A
CURRENT FILING DATE: 1999-08-10
NUMBER OF SEQ ID NOS: 89
SOPTWARE: Patentin Ver. 2.0
SEQ ID NO 85
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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US-09-281-646B-5/c
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; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-797B-51
                                                        ; OTHER INFORMATION: Synthetic Primer. US-09-281-646B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 1224
US-09-371-307-85/c
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                                                                                                                                           Sequence 5, Application US/09281646B
Patent No. 6759238
GENERAL INFORMATION:
APPLICANT: Schuetz, John
APPLICANT: Fridland, Arnold
TITLE OF INVENTION: MULTIDRUG RESISTANCE ASSOCIATED PROTEINS AND USES THE REFERENCE: SJ-0020
CURRENT APPLICATION NUMBER: US/09/281,646B
CURRENT FILING DATE: 1999-03-31
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 19
TYPE: NA
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Best Local Similarity 93.3
14; Conservative
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Brown, Sherri M.
APPLICANT: Heck, Gregory R.
APPLICANT: Piller, Kenneth J.
APPLICANT: Kishore, Ganesh M.
APPLICANT: Logusch, Tedd D.
APPLICANT: Logusch, Eugene W.
APPLICANT: Rao, Sudabathula
APPLICANT: Rao, Sudabathula
APPLICANT: Ream, Joel B.
APPLICANT: Logusch, Sherry J.
APPLICANT: Logusch, Sherry J.
APPLICANT: Logusch, Sherry J.
                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Primer
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93.3%;
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
Score 13.4; DB 1;
Pred. No. 7.7e+02;
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                 Length 19;
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME TH
TITLE OF INVENTION: SKIN AND EN
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                                                                                                                    ; OTHER INFORMATION: Cdk4 ribozyme binding site US-09-696-791-415
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CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 198
LENGTH: 19
                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 415
TENCHINA
                                                                                                                                                                                                                                                                                                                                                              Sequence 415, Application US/09696791 Patent No. 6770633 GENERAL INFORMATION:
                                                                        Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                     APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISBASES
FILE REFERENCE: 480124.407
                                                                                                                                               LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                      4024 CACTTTGTGGCTCTC 4038
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                                                                        Score 13.4; DB 1;
Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
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US-09-696-791-1399

Sequence 1399, Application US/09696791 Patent No. 6770633

RESULT 1228

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CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2367
         GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION UNMBER: US/09/696,791
CURRENT APPLICATION WIMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTMAREY: Patentin Vor 20
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Matches
                                                                                                                                                                                     Sequence 2368, Application US/09696791 Patent No. 6770633
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Patent No. 677063
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SEQ ID NO 1399
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Cyclin F ribozyme binding site -09-696-791-2367
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CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
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APPLICANT: Tritz, Richard
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TYPE: DNA
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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OTHER INFORMATION: Cdk-we-hu ribozyme binding site
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Local Similarity 93.3%;
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
0; Mismatches 1;
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; LENGTH: 19; TYPE: DNA;
; ORGANISM: Homo sapiens
; PEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding US-09-696-791-2411
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US-09-696-791-2411/c
                                                                    ; OTHER INFORMATION: Cyclin F ribozyme binding site US-09-696-791-2556
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                                                                                                                                                         APPLICANT: ROBBINS, Joan M.
APPLICANT: Tritz, Richard
APPLICANT: Tritz, Richard
TITLE OF INVENTION: KINOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT PRILING NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2556
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CURRENT FILING DATE: 2000-10-25
NUMBER OF SEQ ID NOS: 4523
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2411
LENGTH: 19
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT
TITLE OF INVENTION: SKIN AND BYE DISEASES
FILE REFERENCE: 480124.407
                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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Best Local Similarity
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ORGANISM: Homo sapiens
FEATURE:
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Local Similarity 93.3%;
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Pred. No. 7.7e+02;
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Pred. No. 7.
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RESULT 1235
$169941-27
;Patent No. 5169941
; APPLICANT: MACH, BERNARD F.;LONG, ERIC O.;WAKE, CLAIRE T.
; APPLICANT: MACH, BERNARD F.;LONG, ERIC O.;WAKE, CLAIRE T.
; TITLE OF INVENTION: DNA SEQUENCES CODIGN FOR THE DR B CHAIN
;LOCUS OF THE HUMAN LYMPHOCYTE ANTIGEN COMPLEX AND POLYPEPTIDES
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SEQ ID NO 2585
LENGTH: 19
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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; ORANISM: Homo sapiens
; PEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2557
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US-09-696-791-2585/c
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US-09-696-791-2585
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APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
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Best Local S
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APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
TITLE OF INVENTION: SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407
CURRENT APPLICATION NUMBER: US/09/696,791
CURRENT FILING DATE: 2000-10-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE TITLE OF INVENTION: SKIN AND EYE DISEASES FILE REFERENCE: 480124.407 CURRENT APPLICATION NUMBER: US/09/696,791 CURRENT FILING DATE: 2000-10-25
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Similarity 93.3%;
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Pred. No. 7.7e+02;
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; NUMBER OF SEQUENCES: 31
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07
; APPLICATION NUMBER: US/07
; FILING DATE: 29-JUL-1983
;SEQ ID NO:27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: ANTISENSE MODULATION OF FILE REFERENCE: RTS-0105
CURRENT APPLICATION NUMBER: US/09/418,641A
CURRENT FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 32
SEQ ID NO 32
PRIOR APPLICATION NUMBER: US 60/225,724
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 2551
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 2069
LENGTH: 21
TYPE: DNA
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Best Local (
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APPLICANT: Jennifer K. Taylor
APPLICANT: Lex M. Cowsert
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Best Local Similarity
                                                                                                                         CURRENT APPLICATION NUMBER: US/09/657,472
CURRENT FILING DATE: 2000-09-07
PRIOR PPLICATION NUMBER: US 60/153,357
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60/220,947
PRIOR PILING DATE: 2000-07-26
                                                                                                                                                                                                                                        APPLICANT: Daley, George Q.
APPLICANT: McCarthy, Jeanette J.
TITLE OF INVENTION: SIGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: 2825.1027-001
                                                                                                                                                                                                                                                                                                                                 APPLICANT: Lander, Eric S. APPLICANT: Cargill, Miche APPLICANT: Ireland, James
                                                                                                                                                                                                                                                                                                                APPLICANT:
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                                                                                                                                                                                                                                                                                                                                 Cargill, Michele
Ireland, James S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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93.3%;
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Pred. No. 7.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 13.4; DB 1;
Pred. No. 8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
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SOFTWARES PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/822,043
FILING DATE: 19920117
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: SCOTT, WATSON T
REGISTRATION NUMBER: 26581
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)-861-3000
TELEPAX: (202)-861-3000
TELEPAX: 6714627CUSH
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                          RESULT 1239
US-07-822-043-17
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US-07-822-043-16/c
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US-09-657-472-2069
                                                                                                                                                                                                                                                                                                                                            US-07-822-043-16
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Best Local Similarity 82.4%;
Matches 14; Conservative
GENERAL INFORMATION:

APPLICANT: STRACE

APPLICANT: LIOTTA,

APPLICANT: SCHIFFM

APPLICANT: KRUTZSC
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Patent No. 5
                                                                                     Sequence 17, Application US/07822043
Patent No. 5449753
                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                       Query Match
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APPLICANT: STRACK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Tape
COMPUTER: IBM PC compatible
COMPUTER: FC-DOS/MS-DOS
COPERATING SYSTEM: FC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: SCHIFFMANN, BLL
APPLICANT: KRUTZSCH, HENRY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: MOTILITY STIMULATING PROTEIN USEFUL TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY
                                                                                                                                                                                                                                                                                                                                                                      TYPE: NUCLEIC ACID
STRANDEDNESS: sing!
                                                                                                                                                                                                                                                                                      Match 0.2%; Score 13.2; DB 1; Length 15; Local Similarity 80.0%; Pred. No. 6.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 20036
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                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
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                                                                                                                                                                                                                                  4249 CCTGAGGAAGTCACC 4263
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5449753
                                                                                                                                                                                                 CCTGARGARGTNACC
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                                                                                                                                                                                                                                                                                                                                                                                                                 15 base pairs
 STRACKE, MARY
LIOTTA, LANCE
SCHIFFMANN, ELLIOTT
KRUTZSCH, HENRY
                                                                                                                                                                                                                                                                     Conservative
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Pred. No. 8.3e+02;
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US-08-346-455B-16/c
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Patent No. 5731167
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.2%;
Best Local Similarity 80.0%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:

MEDIUM TYPE: Tape
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/822,043
FILING DATE: 1920117
CLASSIFICATION: 530
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: WOOTDPETECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,455!
FILING DATE: 28-NOV-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PTILING DATE: 24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (202)-861-3000
TELEPAX: (202)-822-0944
TELEX: 6714627CUSH
INFORMATION FOR SEQ ID NO: 17:
                                                                                                                                                                                                 MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSES: MORGAN &
                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: UNITED STATES OF AMERICA; DEPT.
APPLICANT: OF HEALTH AND HUMAN SERVICES
TITLE OF INVENTION: MOTILITY STIMULATING
TITLE OF INVENTION: PROTEIN USEFUL IN CANC
TITLE OF INVENTION: THERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS LENGTH: 15 base pairs TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: SCOTT, WATSON T
REGISTRATION UNMBER: 26581
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: CUSHMAN DARBY AND CUSHMAN
STREET: 1615 L STREET, N.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: MOTILITY STIMULATING PROTEIN USEFUL IN TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 1615 L STATE: WASHINGTON
                                                                                                                                                                                                                                                                                      STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 20036
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                                                                                                                                                                                                                                                                                                                            STREET:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4249 CCTGAGGAAGTCACC 4263
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                                                                                                                                                                                                                                                                                                         T: 345 PARK AVENUE NEW YORK
                                                                                                                                                                                                                                                  10154
                                                                                                                                                                                                                                                                                    NEW YORK
                                                                                                                                                                                                                                                                 U.S.A.
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                                                                                                                                                                                                    Floppy Disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          single
                                                                                                                                                                                                                                                                                                                                                                                                                                 PROTEIN USEFUL IN CANCER DIAGNOSIS AND
                       PCT/US95/06613
                                                                                                     US/08/346,455B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 13.2; DB 1;
Pred. No. 6.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 15;
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US-08-346-455B-17
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                                                                                                                                                                                                               COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-
SOFTWARE: WOTGHERIECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/3-
PILING DATE: 28-NOV-1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US9:
PILING DATE: 24-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 17,
Patent No. 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
TELEPAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                         APPLICATION NUMBER: 08/249,182
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/822,043
FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SENERAL INFORMATION:
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FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: UNITED STATES OF AMERICA; DEPT.
APPLICANT: OF HEALTH AND HUMAN SERVICES
TITLE OF INVENTION: MOTILITY STIMULATING
TITLE OF INVENTION: PROTEIN USEFUL IN CANC
TITLE OF INVENTION: THERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy !
TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
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APPLICATION NUMBER:
FILING DATE: 25-MAY-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A. ZIP: 10154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 345 PARK AVENUE CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: DOROTHY R. AUTH REGISTRATION NUMBER: 36 REFERENCE/DOCKET NUMBER:
                                      REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 2026-4149PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
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12; Conserv
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5731167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                                                                                                                                                                                                                                                                                                                                                                 IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MORGAN & FINNEGAN
                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy Disk
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80.0%; Pred. No. 6.
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                                                                                                                                                                                                                                                            PCT/US95/06613
                                                                                                                                                                                                                                                                                                                                          US/08/346,455B
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US-08-346-455B-17
                                                                           US-08-977-221-16
   Matches
                  Query Match
Best Local Similarity
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Best Local Similarity 80.0%;
Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                 TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: UNITED STATES OF AMERICA; DEPT.
APPLICANT: OF HEALTH AND HUMAN SERVICES
TITLE OF INVENTION: MOTILITY STIMULATING
TITLE OF INVENTION: PROTEIN USEFUL IN CANC
TITLE OF INVENTION: THERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION UNMBER: 08/346,455
                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                  REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                           FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/822,043
                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 28-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy
COMPUTER: IBM PC com
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COMPUTER: IR PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                         STRANDEDNESS:
                                                                                                                              TYPE: nucleic acid
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                                                                                                                                                                                                                      TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 10154
                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 25-MAY-1994
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0.2%; Score 13.2; DB 1 illarity 80.0%; Pred. No. 6.8e+02 Conservative 2; Mismatches
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                                                                                            linear
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                                                                                                           single
                                                                                                                                                                                                                      758-4800
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 13.2; DB 1;
Pred. No. 6.8e+02;
                                                                                                                                                                                                                                                            026-4149US3
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                                   DB 1; Length 15;
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US-08-977-221-17
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Sequence 16, Application US/09483831B
PATENT NO. 6417338
GENERAL INFORMATION:
APPLICANT: STRACKE, MARY
APPLICANT: STRACKE, LANCE
APPLICANT: SCHIFFMANN, ELLIOTT
APPLICANT: KRUTZCH, HENRY
                                                                                                                                                                                                                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                                                                      Matches
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INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/346,455
FILING DATE: 28-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,182
PILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
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COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
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REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
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APPLICANT: OF HEALTH AND HUMAN SERVICES
TITLE OF INVENTION: MOTILITY STIMULATING
TITLE OF INVENTION: PROTEIN USEFUL IN CANC
TITLE OF INVENTION: THERAPY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 07/822,043 FILING DATE: 17-JAN-1992 ATTORNEY/AGENT INFORMATION:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 345 PARK AVENUE CITY: NEW YORK STATE: NEW YORK
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ZIP: 10154
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
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CCTGARGARGTNACC 1
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                                                                                                                                                                                                                                                                                                                      Conservative
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APPLICANT: STRACKE, MARY
APPLICANT: LINCE
APPLICANT: SCHIFFMANN, ELLIOTT
APPLICANT: KRUTZCH, HENRY
APPLICANT: KRUTZCH, HENRY
APPLICANT: KRUTZCH, HENRY
APPLICANT: MURATA, JUN
TITLE OF INVENTION: AUTOTAXIN: MOTILITY STIMULATING PROTEIN USEFUL IN
TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY
FILE REFERENCE: 2026-4149US4
CURRENT APPLICATION NUMBER: US/09/483,831B
CURRENT FILING DATE: 1992-01-17
PRIOR APPLICATION NUMBER: 07/822,043
PRIOR FILING DATE: 1992-01-17
PRIOR APPLICATION NUMBER: 08/249,182
PRIOR FILING DATE: 1994-05-25
PRIOR APPLICATION NUMBER: 08/249,221
PRIOR APPLICATION NUMBER: 08/277,221
PRIOR APPLICATION NUMBER: 08/977,221
PRIOR PILING DATE: 1994-11-24
PRIOR FILING DATE: 1997-11-24
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Best Local Similarity
Watches 12; Conserva
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US-09-483-831B-17
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PRIOR FILING DATE: 1997-11-24
NUMBER OF SEQ ID NOS: 70
SOPTWARE: PATENTIN Ver. 2.1
SEQ ID NO 16
LENGTH: 15
                                                                  NUMBER OF SEQ ID NOS: 70
SOFTWARE: PatentIn Ver. 2
SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 17, Application US/09483831B Patent No. 6417338
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TITLE OF INVENTION: AUTOTAXIN: MOTILITY STIMULATING PROTEIN USEFUL IN
TITLE OF INVENTION: CANCER DIAGNOSIS AND THERAPY
FILE REFERENCE: 2026-4119US4
CURRENT APPLICATION NUMBER: US/09/483,831B
CURRENT FILING DATE: 2000-01-17
PRIOR APPLICATION NUMBER: 07/822,043
PRIOR PILING DATE: 1992-01-17
PRIOR PILING DATE: 1992-01-17
PRIOR PILING DATE: 1992-01-17
PRIOR PILING DATE: 1994-05-25
PRIOR PILING DATE: 1994-11-28
PRIOR FILING DATE: 1994-11-28
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ORCANISM: Artificial Sequence
FRATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Primers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: (7)
OTHER INFORMATION: Base y represents
NAME/KEY: variation
LOCATION: (10)
OTHER INFORMATION: Base y represents
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LOCATION: (4)
OTHER INFORMATION: Base n represents
OTHER INFORMATION: other.
ORGANISM: Artificial Sequence
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Pred. No. 6
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Best Local Similarity 80.0%;
Matches 12; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08/346
PRIOR APPLICATION DATA:
APPLICATION UMBER: 08/249
PRIOR APPLICATION NUMBER: 08/249
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION OF TOTAL O
                                                                                                                                               TELEFAX: (212) 751-6849 INFORMATION FOR SEQ ID NO:
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LOCATION: (12)
OTHER INFORMATION: Base n represents a or
OTHER INFORMATION: other.
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CRASSIFICATION DATA:
PRIOR APPLICATION DATA:
08/346,455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy bisk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 15
                                                                                                                                                                                                                NAME: DOROTHY R. AUTH
REGISTRATION NUMBER: 36,434
REFERENCE/DOCKET NUMBER: 20:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
TITLE OF INVENTION:
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CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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STATE: NEW YORK
COUNTRY: U.S.A.
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
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                                     nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRACKE, MARY; LIOTTA, LANCE;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MORGAN & FINNEGAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               24-MAY-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOTILITY STIMULATING PROTEIN USEFUL IN CANCER DIAGNOSIS AND THERAPY
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Pred. No. 6.8e+02;
2; Mismatches 1
                                                                                                                                                                                                                                                                                                   2026-4149US2
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PCT-US95-06613-17
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Best Local Similarity 80.0%;
Matches 12; Conservative
                                                                Matches
                                                                                Query Match 0.2%; Score 13.2; DB 1; Best Local Similarity 80.0%; Pred. No. 6.8e+02;
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                                                                                                                                                                                                                   TELEPHONE: (212) 758-4800
TELEPAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 17
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC COMPACTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/346,455
FILING DATE: 28-NOV-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 07/82
FILING DATE: 17-JAN-1992
ATTORNEY/AGENT INFORMATION:
NAME: DOROTHY R. AUTH
                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/249,182
FILING DATE: 25-MAY-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEB: MORGAN & FINNEGAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: MOTILITY STIMULATING
TITLE OF INVENTION: PROTEIN USEFUL IN CANCER DIAGNOSIS AND
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                                                                                                                                                 TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: NEW YORK STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER:
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                                                                                                                                                                                                   ENGTH:
                             4249 CCTGAGGAAGTCACC 4263
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                                                                12;
1 CCTGARGARGTNACC 15
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                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     UMBER: PCT/US95/06613
24-MAY-1995
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Pred. No. 6.8e+02
                                                                  Mismatches
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RESULT 1248 PCT-US91-03680-98/c

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TELEX: 706141
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: 81ngle
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                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: MURABHIGE, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEPAX: 415-327-2951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
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ADDRESSEE: Morrison
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: TITLE OF INVENTION:
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APPLICANT: Krawczyk,
                                                                                                                                                          OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                             NAME/KEY:
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LOCATION: 3
OTHER INFORMATION: /mod_base=
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Morrison & Poerster
STREET: 545 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: California
                                                                                      Local
                                                                                                                                                                                                                                                                                             OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: /mod_base= OTHER
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OTHER INFORMATION:
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                                                                                                                                                                                                                                                      NAME/KEY: modified_base
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                                5409 GAAAAAATGAAAATAA 5424
 16 GAKAAAAKKAAAAKAA 1
                                                                  h 0.2%;
Similarity 75.0%;
12; Conservative
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                                                                                                                                                            /mod_base= OTHER
/note= "T-T, linking group o-xyloso (nucleotides
that have xylose sugar linked via the o-xylene
ring)"
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                                                                    Score 13.2; DB 1; Length 16; Pred. No. 7.2e+02; 3; Mismatches 1; Indels
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RESULT 1249 US-08-388-381-29/c

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RESULT 1250
US-08-102-567-27/c
; Sequence 27, Application US/08102567
; Patent No. 5578461
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                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,381
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-UL-1994
ATTORNEY/AGENT INFORMATION:
NAME: MARYING T. LARBON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                         GENERAL INFORMATION:
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               APPLICANT: Sherwin, Stephen
APPLICANT: Skoultchi, Arthur
APPLICANT: Klapholz, Sue
TITLB OF INVENTION: GENE MANIPULATION
TITLE OF INVENTION: GENOMIC ELEMENTS
NUMBER OF SEQUENCES: 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                             FRAGMENT TYPE:
ORIGINAL SOURCE:
ORGANISM: hum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VG
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Diamandis, Eleftherios APPLICANT: Dunn, James M. APPLICANT: Stevens, John K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: genomic DNA HYPOTHETICAL: no
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CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1992 Commerce .
CITY: Yorktown Heights
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (914) 962-4330
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ENGTH:
                                                                                                                                                                                                                                                                                            2186 TIGCCCAGGCTCTCCAAG 2203
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1992 Commerce Street, Suite 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Stevens, John K.
WENTION: Method, Reagents and Kit for Diagnosis
WENTION: and Targeted Screening for p53 Mutations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        USA
                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                  GENE MANIPULATION
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Pred. No. 7.9e+02;
                                                      AND EXPRESSION USING
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Best Local Similarity 83.3%;
Matches 15; Conservative
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Singer, Robert H.
APPLICANT: Kislauskis, Edward H.
APPLICANT: Kislauskis, Edward H.
TITLE OF INVENTION: Cis-Acting Sequences for Intracellular
TITLE OF INVENTION: Localization of RNA
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Mandel, SaraLynn
REGISTRATION NUMBER: 31,853
REFERENCE/DOCKET NUMBER: CELL
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/102,567 FILING DATE: 05-AUG-1993 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FC-DOS/MS-DOS
OPERATING SYSTEM: FC-DOS/MS-DOS
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 04020/043001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
                                                                                                                                                                                     COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTA Re-DEASE #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                         APPLICATION NUMBER: US/0
FILING DATE: 07-OCT-1994
CLASSIFICATION: 514
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STREET: 32
                                                                                                                                                                                                                                                                                                                                                          STATE:
                                                                                                                                                                                                                                                                                                                                                                                              STREET:
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322 Lakeside Drive
                                                                                                                                                                                                                                                                                                                                                                                              225 Franklin Street
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Query Match
Best Local Similarity
Watches 15; Conserve
RESULT 1253
US-08-373-124A-2249/c
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US-08-435-925C-5
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                  TELEFAX: 212-878-9655 INFORMATION FOR SEQ ID NO:
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APPLICANT: Moyer,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: MOYEY, DOMNA
TITLE OF INVENTION: SCYTALIDUM CATALASE GENE
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 56460250 No. 5646025disk of No. 5646025th America,
STREET: 405 Lexington Avenue, 64th Floor
                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 442
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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TELEPHONE: 212-867-0123
TELEPAX: 212-878-9655
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                                                                                                                                                                                                                                              STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/435,925C FILING DATE: 05-MAY-1995 CLASSIFICATION: 435
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STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS: single
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                                                                                               1871 CCGAGGCATCCTTCCTGA 1888
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milarity 83.3%;
Conservative 0
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                                                                                                                                         Score 13.2; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 3
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Pred. No. 7.9e+02
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Sequence 2249, Application US/08373124A Patent No. 5646042

BENERAL INFORMATION:

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                                                                                                                                                                                                                                                                                                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                       GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment
TITLE OF INVENTION: AIDS Onset
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOPTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,12.
PILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
PILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
PILING DATE: Pebruary 7, 1994
APPLICATION NUMBER: 07/987,132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSES: Thomas E. Popovich, Thomas
ADDRESSES: Popovich & Associates
STREET: 80 South 8th Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: JAXVIS, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: CRACKER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
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                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (213) 955-0440
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TOPOLOGY: linear
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REGISTRATION NUMBER: 3
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California
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633 West Fifth Street
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Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IBM Compatible
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 15, Application US/08616398 Patent No. 5691143
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OPERATING SYSTEM: MS-DOS Version 5
SOFTWARE: Microsoft Word for Windows
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/488,212A
FILING DATE: 07-Jun-1995
CLASSIFICATION: 424
DEFINE ASSIFICATION: 424
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                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
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MOLECULE TYPE:
                                                                                                             APPLICANT: Bustos, Silvia A.
APPLICANT: Rostkowski, Christine A.
APPLICANT: Williams, Keith C.
APPLICANT: Stringfellow, Leslie A.
TITLE OF INVENTION: AMPLIFICATION AND DETECTION OF
TITLE OF INVENTION: MYCOBACTERIUM AVIUM COMPLEX SPECIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REGISTRATION NUMBER: 30099
REFERENCE/DOCKET NUMBER: 36
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: 07/973,485
FILING DATE: No. 566335ember 9, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Thomas B. Popovich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 55402-2111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
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                                                                                NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: STRANDEDNESS: STRANDEDNE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  VOLUMB:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AUTHORS: Imberti, Luisa; Sottini,
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PUBLICATION DATE: No. 5665355ember 8, 1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PAGES: 860-862
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STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE:
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R. J. Rodrick, Becton Dickinson and Company
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               No
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.2%;
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Pred. No. 7.9e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
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COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/621,914A
FILING DATE: 26-MAR-1996
CLASSIFICATION: 435
ATTORNEY/AGERT INFORMATION:
NAME: LAWRENCE III, STANTON T.
REFERENCE/DOCKET NUMBER: 25,736
REFERENCE/DOCKET NUMBER: 7005-107-999
TELECOMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      맑
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ATTORNEY/AGENT INFORMATION:
NAME: Fugit, Donna R.
REGISTRATION NUMBER: 32,135
REFERENCE/DOCKET NUMBER: P-35:
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 16, Application US/08621914A Patent No. 5707807
GENERAL INFORMATION:
APPLICANT: KATO, KIKUYA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local Similarity 83.3%;
                                   TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
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ADDRESSEE: PENNIE & EDMONDS
STREET: 1155 AVENUE OF THE AMERICAS
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/616,398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE TITLE OF INVENTION: ANALYSIS
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TYPE: nucleic acid
STRANDEDNESS: single
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STRANDEDNESS:
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Pred. No. 7.9e+02;
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                                                                                                                                   US-08-487-046-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Kistner
APPLICANT: Barrett
APPLICANT: Mundt,
APPLICANT: Dorner,
                                                                 Matches
                                                                                Query Match
Best Local Similarity
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Best Local Similarity
                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/487
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/338
FILING DATE: 10-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 3047
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                 STRANDEDNESS:
TOPOLOGY: line
MOLECULE TYPE: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Dorner, Friedrich
TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTU
                                                                                                                                                                                                   TYPE: nucleic acid
                                                                                                                                                                                                                                                                                     TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 20007-5109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                5393 AAAAAAATACAAAAAAGA 5410
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18 AAAAAGAGAAAAAAAAA 1
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Barrett, No. 57534891
Mundt, Wolfgang
                                                                 Conservative
                                                                                                                                                                                                                                                                                       (202) 672-5399
                                                                                                                                                                   3S: single
linear
                                                                                                                                                   DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.2%; Score 13.2; DB 1;
83.3%; Pred. No. 7.9e+02;
                                                                              0.2%; Score 13.2; DB 1
83.3%; Pred. No. 7.9e+02
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                                                                   Mismatches
                                                                                                   DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 18;
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                                                                Gaps
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RESULT 1258 US-08-487-046-6

Sequence 6, Application US/08487046 Patent No. 5753489

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TELEFAX: (202) b / 2 TELEFAX: 904136

INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LEEGTH: 18 base pairs
TYPE: nucleic acid
STRANDENESS: single
TYPE: 11near
TYPE: 12near
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                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-483-522-5/c
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                                                                                                                                                                                                                                                                                                                                                                     Sequence 5, Application US/08483522 Patent No. 5756341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.2%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,046

PILING DATE: 07-UN-1995

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/338,761

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/338,761

FILING DATE: 10-NOV-1994

ATTORNEY/AGENT INFORMATION:

REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 30472/197/IMMU

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPHONE: (202) 672-5300
                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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APPLICANT: Barrett, No. 57534891
APPLICANT: Mundt, Wolfgang
APPLICANT: Dorner, Friedrich
TITLE OF INVENTION: METHOD FOR PRODUCING VIRUSES AND VACCINES IN SERUM-FREE CULTU
NUMBER OF SEQUENCES: 7
CORRESSPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                      APPLICANT:
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                         CORRESPONDENCE ADDRESS
                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                         APPLICANT: Mundt, Wolfgang
APPLICANT: Dorner, Friedrich
TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF
TITLE OF INVENTION: VIRUSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 3000 K St
CITY: Washington
                                                                                     CITY: Washington STATE: D.C.
                                                                                                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
                                          ZIP: 20007-5109
                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY:
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3000 K Street, N.W., Suite 500
                                                                   USA
                                                                                                                                                                                                                                                                                                   Kistner, Otfried
Barrett, No. 57563411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DNA (genomic)
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Patent No. 5756341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.2%;
Best Local Similarity 83.3%;
Matches 15; Conservative
            CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/338,761
APPLICATION NUMBER: US 08/338,761
PILING DATE: 10-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REPERENCE/DOCKET NUMBER: 30472/199/IMMU
TELECOMMUNICATION INFORMATION:
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TELEX: 904136
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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APPLICATION NUMBER: US 08/338,761
FILING DATE: 10-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Barrett, No. 57563411
APPLICANT: Mundt, Wolfgang
APPLICANT: Dorner, Friedrich
TITLE OF INVENTION: METHOD FOR INCREASING THE INFECTIVITY OF
TITLE OF INVENTION: VIRUSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: A Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                            SOFTWARE: PatentIn Release #1.0, Version #1.30 CURERT APPLICATION DATA: APPLICATION UNBER: US/08/483,522 FILING DATE: 07-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
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STREET: 30
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TYPE: nucleic acid
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TELEPHONE:
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3000 K Street, N.W.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Kistner, Otfried
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 IBM PC compatible
(202) 672-5300
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Pred. No. 7.9e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                         Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1;
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
ENGIH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE; CDNA
US-08-808-303-13
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Best Local Similarity
                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel B
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: ALRGI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714,760-0404
                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/808,3
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 904136
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Chandraratna, Roshantha
TITLE OF INVENTION: RETINOID INDUCED GENE
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                        Local Similarity
mes 15; Conserv
                                                                                                                                                                                                                                                 TELEFAX:
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                          3284 GCCCCAGCCTGAAGGAGC 3301
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ilarity 83.3%;
Conservative
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DiSepio, Daniel
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                                                        Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Diskette
                                                                   0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                us/08/808,303
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                                                                                                                                                                                                                       13:
                                                     Score 13.2; DB 1
Pred. No. 7.9e+02
0; Mismatches
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Pred. No. 7.9e+02;
                                                                                      DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1:
                                                                                 Length 18;
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US-08-471-724-13/c
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,724
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
                                                                                                                                                                                                                                                  Sequence 15, Application US/08471724 Patent No. 5800980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 13, Application US/08471724 Patent No. 5800980
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESENE
TITLE OF INVENTION: MSRV1 VI)
TITLE OF INVENTION: CONSTITUTIONE OF SEQUENCES: 38
                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Herve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                         APPLICANT: PRANCOIS MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BEDIN
APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESEME
TITLE OF INVENTION: IMERCIIVE AGENT ASSOCIATED WITH MULTIPLE
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: 1: MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
                                 CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity nes 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single-stranded
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 700 South Washington Street, CITY: Alexandria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                     ADDRESSEE:
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   700
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Bernard MANDRAND
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                              Herve PERRON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                 Oliff & Berridge
South Washington Street, Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLY CONSTITUENTS THEREOF (AS AMENDED)
                                                         38
                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.2;
Pred. No. 7.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .9e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 18
                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                             <u>,</u>
                                                                                               SCLEROSIS, AND BIOPOLY
                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                             0;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy

Floppy disk

22314 Alexandria : Virginia :RY: U.S.A.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; STRANDEDNESS: single-stranded
TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-471-724-15
                                                                                                                                                                                                                                                                 ADDRESS:
ADDRESS:
ADDRESS:
STREET: 700 South Washington Street, Suite 300 CITY: Alexandria STATE: Viginia COUNTRY: U.S.A.
ZIP: 22314
COMPUTED TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 28, Application US/08471724 Patent No. 5800980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.2%;
Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC COMPATIBLE
COMPUTER: RYSTEM: PC-DOS/MS-DOS
SOFTMARE: PATENTE Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,724
FILING DATE: JUNE 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                  SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION UNMERR: US/08/471,724 FILING DATE: June 6, 1995
ATTONNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESEME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 703-836-6400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
TELECOMMUNICATION INFORMATION: TELEPHONE: 703-836-6400
                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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Bernard MANDRAND
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Herve PERRON
                                                                                                                                                                                                                                                                                                                                                                                                                                                           CONSTITUENTS THEREOF (AS AMENDED)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 13.2; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 3;
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4466 CTACTCTGATCCCTCCAG 4483

Matches 11;

Conservative

4; Mismatches

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Gaps

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                                                       US-08-758-306-965
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Best Local Similarity
Matches 15; Conserv
Query Match 0.2%;
Best Local Similarity 61.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 965,
                                                                                                                                                                                                           ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 81.5" Diskette, 1.44 Mb
MEDIUM TYPE: 810x209

COMPUTER: 1BM Compatible
OPERATING SYSTEM: 1BM P.C. DOS 5.0
SOFTWARE: PastSeq Version 1.5

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION DATA:
APPLICATION NUMBER: 4096
CLASSIFICATION DATA:
APPLICATION NUMBER: 3,27
RICHARNEY/AGENT INFORMATION:
NAME: WarDurg, Richard J.
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
                                                                                                                                         TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
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APPLICANT: McSwiggen,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single-stranded TOPOLOGY: linear
                                                                                                                                                                               TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 633 West Fifth Street
STREET: 84700
CITY: Los Angeles
STATE: California
                                                                                                     TYPE: nucleic acid
                                                                          STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEB:
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5807743
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          n, James A.
METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GAMMA-CHAIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ASSOCIATED WITH
INTERLEUKIN-2 R
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Pred. No. 7.9e+02;
   Score 13.2; DB 1;
Pred. No. 7.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RECEPTOR
                        DB 1;
                  Length 18;
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US-08-758-306-971/c
                                                                                                                                                                     RESULT 1267
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                                                                                                            Sequence 995, Application US/08758306 Patent No. 5807743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
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Best Local &
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                                                                                             GENERAL INFORMATION:
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APPLICANT: Stinchcomb,
APPLICANT: McSwiggen,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
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MCSwiggen, James A.
WETHOD AND REAGENT FOR
VENTION: TREATMENT OF DISEASES
VENTION: ASSOCIATED WITH
                                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                           linear
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Pred. No. 7.9e+02;
0; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RECEPTOR
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                                                                                                                                                                                                                                                                                                                                                                              Patent No. 5811300
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1139, Application US/08311486C Patent No. 5811300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local (
                                                                                                                                                                          APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Lames McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TWF-'
NUMBER OF SEQUENCES: 1157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
FILING DATE:
ATTORNSY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: LEST VERSION P.C. DOS 5.0
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOPTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEB: Lyon & Lyon & Lyon & Lyon & Cyon & Cyon & City: Los Angeles STATE: California
COMPUTER READABLE FORM:
                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                        CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: 1iz
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                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A. ZIP: 90071-2066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4476 CCCTCCAGCCCGCATAGC 4493
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      13;
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                    90071-2066
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                                       U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           72.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 13.2; DB 1;
Pred. No. 7.9e+02;
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US-08-435-628-2249/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              equence 2249, Application US/08435628 atent No. 5817796
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA: PRIOR APPLICATION DATA: PRIOR APPLICATION DATA:
                                                                                                                                                                                                      STREET: 633 CURRENT: Suite 4700 CITY: Los Angeles STATE: California
                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
APPLICATION NUMBER: US/01
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
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1 CCUCUCUGCCGUCAAGAG 18
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633 West Fifth Street
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Word Perfect 5.1
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September 23, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3.5" Diskette, 1.44 Mb
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                                 US/08/435,628
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Pred. No. 7.9e+02;
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US-08-346-429-3
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            COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/346,429
FILING DATE: 29-NOV-1994
CLASSIFICATION: 530
ATTORNERY/AGENT INFORMATION:
NAME: DIGIGIO, Frank S.
REGISTRATION NUMBER: 31.346
REFERENCE/DOCKET NUMBER: 9507
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3, Application Patent No. 5837820 GENERAL INFORMATION:
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: WAZDUZG, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/
TELECOMMUNICATION INFORMATION:
TELECHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Duval, Manuel APPLICANT: Job, Claudette APPLICANT: Job, Dominique TITLE OF INVENTION: PROFEIN TITLE OF INVENTION: BE USED TITLE OF INVENTION: A SEED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY SCOTT MURPHY & PRESSER
                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                            STREET: 400 Garden City Plaza
CITY: Garden City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        / Match 0.2%;
Local Similarity 83.3%;
nes 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 07/987, FILING DATE: December 7, 19 APPLICATION NUMBER: 07/936, FILING DATE: August 26, 199
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TELEPHONE: 516-742-43
TELEFAX: 516-742-4366
                                                                                                                                                                                                                                                                                                              ZIP: 11530
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Douce, Roland
Duval, Manuel
                                                                                                                                                                                                                                                                                                                                USA
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NIMBER: 07/987,132
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN BE USED FOR DETERMINING THE GERMINATION STAGE OF A SEED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  08/373,124
ry 13, 1995
08/245,466
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Pred. No. 7.9e+02;
0; Mismatches 3
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RESULT 1272
US-08-384-324-4/c
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Sequence 4, Application US/08384324 Patent No. 5844110
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                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Gold,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC COMPATIBLE
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/384,324
PILING DATE: 31-JAN-1995
CLASSIFICATION: 536
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 630
                                                                                                                                                                                                                                                    HYPOTHETICAL:
ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synth
                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: Love CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             y Match 0.2%;
Local Similarity 83.3%;
hes 15; Conservative
                                                                                                                                                                                                                                                                                                 STRANDEDNESS: single TOPOLOGY: not relevant
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                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                     ENGTH:
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                                                                                                                                                                                                                                                                                                                                                    18 base pairs
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                                                                                                                                                                                                                                                                      YES
                                                                                                                                                                                                                                                                                  DNA (genomic)
                                                                                                                                                                                  0.2%;
83.3%;
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                                                                                                                                                                                  Score 13.2; DB 1; Length 18; Pred. No. 7.9e+02;
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Pred. No. 7.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                           Patent No. 5851760
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 204, Application US/08117952 Patent No. 5851760
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet B.
REGISTRATION NUMBER: 36,252
REFERENCE/DOCKET NUMBER: 6307
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEPAX: (215) 563-4044
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/384,324
FILING DATE: 31-DAN-1995
CLASSIFICATION: 536
CLASSIFICATION: 536
                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & STREET: 444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
TOPOLOGY: not relevant
MOLECULE TYPE: DNA (genom
HYPOTHETICAL: YES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                              APPLICANT: Evans, Glen A.
APPLICANT: Smith, Michael W.
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street, Suite 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ANTI-SENSE:
                                                                                                                                                                                                                          STREET: 444 SOULD CITY: Los Angeles
              APPLICATION NUMBER: US/08/117,952 FILING DATE: 07-SEP-1993
                                                                                                                                                                                                                  STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
nes 15; Conserv
FILING DATE: 0
CLASSIFICATION:
                                                                                                                                                                           ZIP: 90071
                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
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Pred. No. 7.9e+02;
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                                                                                                                                                                                                 COMPUTER: IBM PC COMPARTIBLE
COMPUTER: IBM PC COMPARTIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.25
SOFTWARE: PATENTIA Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/117,952
PILING DATE: 07-SEP-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/078,471
PILING DATE: 15-UN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31.192
REFERENCE/DOCKET NUMBER: P41 9423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 709, Application US/08117952 Patent No. 5851760
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                                                                                                                         TELEFAX: 619-546-9392 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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REGISTRATION NUMBER: 31,192
REFERENCATION NUMBER: P4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCES
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
NUMBER OF SEQUENCES: 797
CORRESPONDENCE ADDRESS:
ADDRESSEB: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: O: HYPOTHETICAL: NO ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Swans, Glen A. APPLICANT: Smith, Michael W.
MOLECULE TYPE:
                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: 619-546-4737
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ATTORNEY/AGENT INFORMATION:
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CITY: Los Angeles
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                   STRANDEDNESS:
TOPOLOGY: lir
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                                   single
Oligonucleotide
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; HYPOTHETICAL: I
; ANTI-SENSE: ... NO
US-08-117-952-709
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                                                                                                   US-08-358-556A-12
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US-08-358-556A-12/c
                                                                                                                                                                                                                                                                                                                                                                                                                 SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William B.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.2%;
Best Local Similarity 83.3%;
Matches 15; Conservative
                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No.
                                                                                                                                                                                                                                                                                                    TELEX: RCA 248593 IDEA UR INFORMATION FOR SEQ ID NO: 12: SEQUENCE CHARACTERISTICS:
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APPLICANT: Kumarev, Viktor
TITLE OF INVENTION: Process
TITLE OF INVENTION: Implement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL
                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-6666
TELEPAX: (202)393-5350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
COUTTAINE SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                    ANTI-SENSE: NO FRAGMENT TYPE: N-terminal
                                                                                                                                                                                                  MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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                                                                                                                   NAME/KBY:
LOCATION:
                                                  Local Similarity
                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
                                                                                                                                                                                                                                                                                      ENGTH:
 5398 ААТАСААААААСАААААА 5415
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION:
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                                                                                                                                                                                                                                                                                    18 base pairs
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                                   Conservative
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                                                 0.2%;
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                          0;
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Pred. No. 7.9e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                           10577/P58418
                                 Score 13.2; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 3
                                                                DB 1; Length 18;
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                                                                                                                                                                                                          Sequence 13, Application US/08471969 Patent No. 5871745
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: FR 9315164
APPLICATION NUMBER: PR 9315164
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                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Chatelain, Francois
APPLICANT: Kumarev, Viktor
TITLE OF INVENTION: Process for Prep
TITLE OF INVENTION: a Solid Support
TITLE OF INVENTION: Implementation
                                                                                                                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY:
LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (202)638-6666
TELEPAX: (202) 393-5350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                5398 AATACAAAAAAGAAAAA 5415
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         INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          18 base pairs
Frederic BEDIN
Frederic BESEME
VENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
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                                                                                               Bernard MANDRAND
                                                                                                                          Francois MALLET
                                                                                                                                                      Herve PERRON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CDS
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Pred. No. 7.
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RESULT 1278
US-08-471-969-15/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
APPLICANT:
                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
TITLE OF INVENTION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Oliff & Berridge
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
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APPLICATION NUMBER: US/08/471,969
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
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mes 15; Conserv
                                                                                                                                                                                                                               CITY: Alexandria
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                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
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1: U.S.A.
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Bernard MANDRAND
Frederic BEDIN
                                                                                                                                                                                                                                                                                                                                                                                      Frederic BESEME
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                                                                                                                                                                                                                                                                                                                            MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLY CONSTITUENTS THEREOF (AS AMENDED)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLY CONSTITUENTS THEREOF (AS AMENDED)
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Pred. No. 7.9e+02
0; Mismatches
                                                                               Version #1.30
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SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/471,969
FILING DATE: UND 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055A
REFERENCE/DOCKET NUMBER: WPB 36055A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEPAX: 703-836-62787
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
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US-08-471-969-28/c
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                                                                            , MOLECULE TYPE: cDNA
US-08-471-969-28
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                                    Query Match
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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REFERENCE/DOCKET NUMBER: WP:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOI
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
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STREET: 700 South Washington Street, Suite 300 CITY: Alexandria
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                                                                                                                    TOPOLOGY:
                                                                                                                                  STRANDEDNESS: single-stranded
                                                                                                                                                    TYPE: nucleotide
                                                                                                                                                                      ENGTH:
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Y: U.S.A.
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Bernard MANDRAND
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                                                                                                                    linear
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Pred. No. 7.9e+02;
0; Mismatches 3;
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equence - PATYSE PERRON
PATENT NO. 5871556

APPLICANT: Herve PERRON
APPLICANT: Herve PERRON
APPLICANT: François MALLET
APPLICANT: Fraderic BEDIN
APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESEME
APPLICANT: Frederic BESEME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLY
TOTAL OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
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US-08-384-137-15/c
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US-08-384-137-13
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/384,137
FILING DATE: February 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
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Best Local Similarity 83.3%;
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESEME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLY
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
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ADDRESSEE: Oliff & Berridge
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.2; DB 1
Pred. No. 7.9e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 18;
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; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-384-137-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-384-137-28/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 28,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 5871996
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT:
APPLICATION NUMBER: US/08/384,137
FILING DATE: February 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 3605
                                                                                                    COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/384,137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
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ADDRESSEE: Oliff & E
                                                                                                                                                                                                                          COUNTRY: U
ZIP: 22314
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CITY: Alexandria
STATE: Virginia
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ZIP: 22314
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E: Virginia
TRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                          Francois MALLET
Bernard MANDRAND
Frederic BEDIN
Frederic BESEME
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                                                                                                                                                                                                                                           U.S.A.
                                                                                                                                                                                                                                                                                                 700 South Washington Street, Suite 300
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700 South Washington Street, Suite
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Herve PERRON
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Pred. No. 7.9e+02;
0; Mismatches 3
     WPB 36055
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TOPOLOGY:
US-08-469-852A-4
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                           Query Match
Best Local (
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                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/469,852A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
CLASSIFICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/295,509
FILING DATE: 24-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: 15IS-2015
                                                                                                                                                                                                                                          TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO:
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APPLICANT: Cummin
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MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Srivatsa, Susan G.
TITLE OF INVENTION: Capillary Electrophoretic Detection
TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
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                                                      y Match 0.2%;
Local Similarity 83.3%;
hes 15; Conservative
                                                                                                                                                                 STRANDEDNESS: single
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ZIP: 19103
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213ris LLP
STREET: One Liberty Place - 46th Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE:
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5398 AATACAAAAAAGAAAAAA 5415
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                                                                                                                                                linear
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                                                                                                                                                                                                                                          4:
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                                                                       Score 13.2; DB 1;
Pred. No. 7.9e+02;
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Pred. No. 7.9e+02
                                                          Mismatches
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                                                                                           Length 18;
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                                                                                                                                                  Sequence 1, Application US/08320306
Patent No. 5891623
                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                            GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment
TITLE OF INVENTION: AIDS Onset
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
FRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/COURT NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
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                                                 NUMBER OF SEQUENCES: 5:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (213) 955-0440
               ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: 11
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                                                                                                                                                                                                                                                                                                                                            ocal Similarity
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SET: 633 West Fifth Street
SET: Suite 4700
(: Los Angeles
TB: California
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                                                                                                                                                                                                                                                         CAGAAAAGGGCAGGCCTC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                               18 base pairs
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                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                linear
Thomas E. Popovich, Thomas Popovich & Associates South 8th Street
                                                                                                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                                                                                                                         0.2%;
                                                                                                                                                                                                                                                                                                                         Score 13.2; DB 1; Length 18; Pred. No. 7.9e+02; 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 15; Conservat
                                                                                                                                                                              Sequence 33, Application US/08912129A Patent No. 5922533
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO:
                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: Oth
MOLECULE TYPE: (ol
MOLECULE TYPE: Vb
HYPOTHETICAL: No
                                                                   APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORIGINAL SOURCE: Synthesized using ORIGINAL SOURCE: oligonucleotide synthesis machine PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,485
FILING DATE: No. 5891623ember 9, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM Compatible Compag FIGURE (A)66
COMPUTER: 4/66
COMPUTER: M5-DOS Version 5
SOPTWARE: Microsoft Windows
CURRENT APPLICATION DATA:
TRANSPORT (MC)108/120.306
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MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/320,306 FILING DATE: 06-OCT-1994 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 55402-2111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ISSUE: 5033
PAGES: 860-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE: Selective Depletion in HIV Infection
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 300
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: LUSA
                                                                                                                                                                                                                                                                                                                                                                                                                                                      PUBLICATION DATE: No. 5891623ember 8, 1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: Nucleic Acid
STRANDEDNESS: Singl
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                                                                                                                                                                                                                                                                                                                            4012 GTGCACCTCCCTCACTTT 4029
                                                                                                                                                                                                                                                                                           1 GTGCACCTCCTTCCCATT 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18 bases
                                                                                                          HACKETT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Imberti, Luisa; Sottini,
Alessandra; Bettinardi,
                               VARITEK, VINCENT A. JR
NECKLAWS, ELIZABETH A.
GOLDEN, ALAN M.
BRENNAN, CATHERINE A.
                                                                                                                                                                                                                                                                                                                                                                Conservative
BRENNAN, CATHERINE A.
DEVARE, SUSHIL G.
TENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Science
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Daniele
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                                                                                                                           JOHN JR.
                                                                                                            ROBERT K.
                                                                                                                                            ANADRUZELA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               30099
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                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                   Score 13.2; DB 1
Pred. No. 7.9e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Alessandra; Puoti, Massimo; Primi,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
SOFTWARE: Microsoft Word for Windows CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/488,209B
FILING DATE: 07-UN-1995
CLASSIFICATION: 435
                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment
TITLE OF INVENTION: AIDS Onset
                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Thomas B. Popovich, Thomas
ADDRESSEE: Popovich & Associates
STREET: 80 South 8th Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette, 1.44 MB
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REGISTRATION NUMBER: 32,652
REFERENCE/DOCKET NUMBER: 610
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/01
FILING DATE: 15-AUG-1997
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 89
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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                                                                                          COMPUTER: IBM Compatible Compaq Pro
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
OPERATING SYSTEM: MS-DOS Version 5
                                                                                                                                                                                                                                                                            STREET: 80 South & CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS (Windows 95)
SOFTWARE: Microsoft Word (ASCII format output)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Abbott Park
STATE: IL
                                                                                                                                                                                                                           ZIP:
                                                                                                                                                                                                                                            COUNTRY: USA
                                                                                                                                                                                                                                                                   STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 847-937-9803
TELEFAX: 847-938-2623
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                                                                                                                                                                                                                           55402-2111
                                                                                                                                                                                                                                                               Minnesota
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                                                                                                                                      IBM Compatible Compaq Prolinea
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
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Pred. No. 7.
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; PUBLICATION DATE:
US-08-488-209B-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 1288
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/08408011 Patent No. 5928642
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                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Primi, Daniele
TITLE OF INVENTION: Diagnosis and Treatment
TITLE OF INVENTION: AIDS Onset
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (612) 334-89
TELEFAX: (612) 334-8994
INFORMATION FOR SEQ ID NO:
                                 SOFTWARE: Microsoft Word for Windows CURRENT APPLICATION DATA:
APPLICATION UNMERS: US/08/408,011
FILING DATE: 18-OCT-1994
                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORIGINAL SOURCE: Synthesized using ORIGINAL SOURCE: oligonucleotide synthesis machine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PUBLICATION INFORMATION:
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TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA:
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                                                                               COMPUTER: 18m Computer: 4/66
COMPUTER: 4/66
OPERATING SYSTEM: MS-DOS Version 5
OPERATING SYSTEM: MS-DOS Version 5
                                                                                                                                                                                                                                                                                STREET: 80 South CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AUTHORS: Imberti, Luisa; Sottini,
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
                   CLASSIFICATION:
                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE: Selective Depletion in HIV Infection TITLE: of T Cells That Bear Specific T Cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Thomas E. Popovich REGISTRATION NUMBER: 300
                                                                                                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
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15; Conserv
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                                                                                                                                                                                                                                                                Minnesota
                                                                                                                                                                                                                                                                                                   E: Thomas E. Popovich, Thomas E: Popovich & Associates 80 South 8th Street
                                                                                                                                                                                                                                                USA
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                                                                                                                                                 IBM Compatible Compaq Prolinea
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        No. 5925513ember 8,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   That Bear Specific T Cell Receptor Vb Sequences
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Pred. No. 7.9e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 18;
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COUN'IN.

COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy Disk

MEDIUM TYPE: Floppy Disk

COMPACTION

COMP
   OPERATING SYSTEM: WIN95
SOFTWARE: WORD
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
PILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: ISRBelsen, Ned A.
REGISTRATION NUMBER: 29,65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
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ATTORNBY/AGENT INFORMATION:
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AUTHORS: Imberti, Luisa; Sottini,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORIGINAL SOURCE: Synthesized using ORIGINAL SOURCE: oligonucleotide synthesis machine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Blumenfeld, Marta
APPLICANT: Bougueleret, Lydie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WOLECULE TYPE: Other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TRIEDUCINE . (613) 134-0001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           / Match 0.2%;
Local Similarity 83.3%;
les 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
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TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Thomas B. Popovi
REGISTRATION NUMBER: 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PAGES: 860-862
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d A.
29,655
                                                                                                                                                                                      US/08/996,306
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Pred. No. 7.9e+02;
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                                                                                                                                                                                                                                                        RESULT 1291
US-09-205-922-12/c
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US-09-213-767-33
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                                                                GENERAL INFORMATION:
APPLICANT: Lex M. COWBERT
APPLICANT: LEX M. COWBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION
PILE REFERENCE: RTS-0030
CURRENT APPLICATION NUMBER: US/09/205,922
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 12
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 47
SEQ ID NO 33
LENGTH: 18
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APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
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Patent No. 5948680
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                                                                                                                                                                                                                      Sequence 12, Application US/09205922 Patent No. 5951455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION FILE REFERENCE: RTS-0024 CURRENT APPLICATION NUMBER: US/09/213,767 CURRENT FILING DATE: 1998-12-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
                ORGANISM: Artificial Sequence FEATURE:
                                                   TYPE: DNA
OTHER INFORMATION: Antisense Oligonucleotide
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NAME/KEY:
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ORIGINAL SOURCE:
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LENGTH: 18 base pairs
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Local Similarity 83.3%;
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Pred. No. 7.
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Pred. No. 7.9e+02
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RESULT 1293
US-08-787-902A-2
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                                SOFTWARE: Word Perfect 6.0a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/787,902A
FILING DATE: 23-JAN-97
CLASSIFICATION: 623
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 60/010616; 07/953,474
FILING DATE: 26-JAN-96; 29-SEP-92
INFORMATION FOR SEQ ID NO: 2:
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APPLICANT: Williams, Stuart
APPLICANT: Stopeck, Alison
TITLE OF INVENTION: Improved
TITLE OF INVENTION: ce of En
TITLE OF INVENTION: Intimal
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Patent No. 5951455
GENERAL INFORMATION:
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SEQ ID NO 44
LENGTH: 18
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TITLE OF INVENTION: ANTISENSE MODULATION OF G-APIHA-11 EXPRESSION
FILE REFERENCE: RTS-0030
CURRENT APPLICATION NUMBER: US/09/205,922
CURRENT FILING DATE: 1998-12-04
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: diskette, 3.5 i
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 3.
                     SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Antonio Durando
                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         y Match 0.2%;
Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                   CITY: Tucson
STATE: AZ
                                                                                                                                                                                                                                                                   COUNTRY: U
ZIP: 85716
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Similarity 83.3%;
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18 base pairs
                                                                                                                                                                                                                                                                                   U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Williams, Stuart K.
                                                                                                                                                                                                                                diskette, 3.5 inch, 1.44Mb storage
                                                                                                                                                                                              Windows 3.1
                                                                                                                                                                                                                                                                                                                                                                                                   Improved Implants Possessing a Surfa ce of Endothelial Cells Genetically-Modified Intimal Thickening.
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Pred. No. 7.9e+02;
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Pred. No. 7.9e+02;
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Best Local Similarity
""" hes 15; Conserve
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; TOPOLOGY: linear
US-08-787-902A-2
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US-08-470-006A-13/c
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US-09-205-204-34
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CURRENT APPLICATION UNBER: US/09/205,204
CURRENT FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 34
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Bilzabeth J. Ackermann
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 13,
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Antisense Oligonucleotide
                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy (
COMPUTER: IBM PC com
                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
                                                                                                                                                                                                                                                                      TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, TITLE OF INVENTION: BIOPOLYLMER CONSTITUENTS THEREOF (AS AMENDED)
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APPLICATION NUMBER: US/08/470,006A FILING DATE: June 6, 1995
                                                                                                                                                                        STATE:
                                                                                                                                                                                      STREET: 700 South Washington Street, Suite 300 CITY: Alexandria
                                                                                                                                     ZIP: 22314
                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3634 TTCCCAATTGCTGAGATT 3651
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Y: U.S.A.
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Bernard MANDRAND
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Pred. No. 7.
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Pred. No. 7.9e+02;
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.9e+02;
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RESULT 1296
US-08-470-006A-15/c
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                                                                                        US-08-470-006A-15
Query Match 0.2%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 7.9e+02; Matches 15; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 83.3%;
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEPAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                       TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
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                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMERR: US/08/470,006A
FILING DATB: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESEME
APPLICANT: Frederic BESEME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS,
TITLE OF INVENTION: BIOPOLYLMER CONSTITUENTS THEREOF (AS AMENDED)
                                                                                                     TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION: TELEPHONE: 703-836-6400
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ADDRESSEE: Oliff & Berridge
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: UZIP: 22314
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STATE: Virginia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single-stranded TOPOLOGY: linear
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                                                                                                                                                 STRANDEDNESS:
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US-08-470-006A-28/c
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US-09-197-360-35/c
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                                                            Sequence 35, Application US/09197360
Fatent No. 5962673
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-ALPHA EXPRESSION
FILE REFERENCE: RTS-0018
CURRENT APPLICATION NUMBER: US/09/197,360
CURRENT FILING DATE: 1998-11-28
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Patent No. 5
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COMPUTER: IBM PC COMPARIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PAtentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,006A
FILING DATE: June 6, 1995
ATTORNEY/AGENT INPORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055B
TELECOMMUNICATION INPORMATION:
TELEPHONE: 703-836-6400
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 35
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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GENERAL INFORMATION:
APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
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MEDIUM TYPE: Floppy disk
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ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESEME
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MILTIPLE SCLEROSIS,
TITLE OF INVENTION: BIOPOLYLMER CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
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ZIP: 22314
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Y: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 13.2; DB 1;
Pred. No. 7.9e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 18;
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Matches
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CURRENT APPLICATION NUMBER: US/09/256,496
CURRENT FILING DATE: 1999-02-23
NUMBER OF SEQ ID NOS: 86
SEQ ID NO 73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 73, Applica Patent No. 5998206 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 13,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ENGTH: 18
                                                                                                                                                                                                                                        TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                       APPLICANT:
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              SOPTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                       CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                        APPLICANT:
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les 15; Conserv
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mes 15; Conservative
                                                                                                                                              STATE:
                                                                                                                                                                           ADDRESSEE:
STREET: 70
APPLICATION NUMBER:
                                                                                                                          COUNTRY:
                                                                                                                                                             CITY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2567 GGGAGAGAGATGGAGA 2584
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                                                                                                                                         SSEE: Oliff & Berridge
T: 700 South Washington Street, Suite 300
Alexandria
Virginia
                                                                                                               22314
                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/08691563C
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                                                                                                                                                                                                                                                                                   Colette JOLIVET
Bernard MANDRAND
                                                                                                                                                                                                                                                                                                                                     Glaucia PARANHOS-BACCALA
                                                                                                                            U.S.A.
                                                                                                                                                                                                                                                                                                                        Florence KOMURIAN-PRADEL
                                                                                                                                                                                                                                                                                                                                                      Frederic BESEME Frederic BEDIN
                                                                                                                                                                                                                                                                                                                                                                                       Herve PERRON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                     VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACT
THERAPEUTIC PURPOSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.2%;
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US/08/691,563C
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Pred. No. 7.9e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 13.2; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 1;
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US-08-691-563C-15
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Best Local Similarity
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                                                                                               TELEPHONE: 703-836-640
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                              APPLICATION NUMBER: US/08/691,:
PILING DATE: 02-AUG-1996
ATTORNEY_AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30.024
REFERENCE_DOCKET NUMBER: WPB 31
TBLECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
TITLE OF INVENTION:
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               MOLECULE TYPE: cDNA
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STATE: Virginia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 18 base pairs
TYPE: nucleotide
STRANDEDNESS: single
                                              STRANDEDNESS:
                                                               TYPE: nucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Berridge, William P. REGISTRATION NUMBER: 30,02
                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 22314
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                                  TOPOLOGY: linear
                                                                                 LENGTH:
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                                                                               18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                   700 South Washington Street, Suite 300
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Florence KOMURIAN-PRADEL
Colette JOLIVET
Bernard MANDRAND
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                                                single
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AER: WPB
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Pred. No. 7.
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RESULT 1303
US-09-106-038A-23
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 Sequence 23, Application US/09106038A
PATENT NO. 6007995
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker and Les
TITLE OF INVENTION: ANTISENSE MODULE TITLE OF INVENTION: EXPRESSION
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Best Local Similarity
                                                                                                                                                                                                                      Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No.
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                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Floppy disk
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ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
                                                                                                                                                                                                                                                                                               TOPOLOGY: 11
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    TORNEY, AGENT AND MILIAM P. NAME: Berridge, William P. REGISTRATION NUMBER: 30,024
                                                                                                                                                                                                                                                                                                        TYPE: ... STRANDEDNESS: B1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Alexandria
STATE: Virginia
                                                                                                                                                                                                                                   Local
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                                                                                                                                                                                                                                                                                                                                                          LENGTH: 18 base pairs
                                                                                                                                                                              2099 CCTGCACTTGCCTGATGC 2116
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                                                                                                                                                             CGTGCAGTTGCCGGATGC 1
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Bernard MANDRAND
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Frederic BEDIN
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    . Baker and Lex M. Cowsert ANTISENSE MODULATION OF TNFR1 EXPRESSION
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                                                                                                                                                                                                                  Score 13.2; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 13.2; DB 1; Length 18; Pred. No. 7.9e+02;
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RESULT 1305
US-09-205-921-28/c
; Sequence 28, Application US/09205921A
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US-09-205-921-12
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US-09-205-921-12/c
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                                                                                                                                                                                                                        APPLICANT: Brett P. Monia
APPLICANT: APPLICANT: AM COWSETT
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
FILE REFERENCE: RTS-0028
CURRENT APPLICATION NUMBER: US/09/205,921A
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 12
LENGTH: 18
                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 12, Application US/09205921A Patent No. 6008048
                                                                                                   Query Match
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TELEFAX: (760) 603-38
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: 3.5 inch disk, 1.
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/106,
PILING DATE: June 26, 1998
CLASSIFICATION: 514
                                                                                                                                                     ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Laurel Spear Bernstein
REGISTRATION NUMBER: 37,280
REFERENCE/DOCKET NUMBER: RTS-0004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (760) 931-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 2292 ROCITY: Carlsbad STATE: CA
                                                         0.2%;
Local Similarity 83.3%;
es 15; Conservation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.2%;
Local Similarity 83.3%;
es 15; Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Isis Pharmaceuticals, Inc
STREET: 2292 Faraday Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
                               4087 GAGGAGGGGATGCTCCTG 4104
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18
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Pred. No. 7.9e+02;
                                                                                   Score 13.2; DB 1;
Pred. No. 7.9e+02;
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                                                                  Mismatches
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                                                                                                     Length 18;
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                                                                  Gaps
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Sequence 31, Application US/09205921A
Patent NO. 6008048
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: ex M. Cowsert
ITILE OF INVENTION: ANTISENSE MODULATION OF EGH
FILE REFERENCE: RTS-0028
CURRENT APPLICATION NUMBER: US/09/205,921A
CURRENT FILING DATE: 1998-12-04
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 31
LENGTH: 18
TYPE: DNA
ORGANIEM: Artificial Sequence
                                                                                                                                                                                                                                                                                                   RESULT 1307
US-09-255-911-23
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                                                                                                                                                              Patent No. 6013522
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS 0040
                                                       NUMBER OF SEQ ID NOS: 46
SEQ ID NO 23
LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                              Sequence 23, Application US/09255911 Patent No. 6013522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%;
Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 47
SEQ ID NO 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Brett P. Monia
APPLICANT: ex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
FILE REFERENCE: RTS-0028
CURRENT APPLICATION NUMBER: US/09/205,921A
CURRENT FILING DATE: 1998-12-04
                                                                                                                                CURRENT APPLICATION NUMBER: US/09/255,911
CURRENT FILING DATE: 1999-02-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                      FEATURE:
                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
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OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                             18 GAAGGACAAGAAAGCAGA 1
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Pred. No. 7.9e+02;
0; Mismatches
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Pred. No. 7.9e+02;
0; Mismatches 3
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US-09-161-443-46/c
; Sequence 46, Application US/09161443A
; Patent No. 6020198
; GENERAL INFORMATION:
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US-08-462-947-27/c
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                                                                           RESULT 1309
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                                                                                                                                                                                        Matches
                                                                                                                                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/102
PILING DATE: 05-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Mandel, SaraLynn
REGISTRATION NUMBER: 31,853
REFERENCE/DOCKET NUMBER: CBLL
TBLECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-9600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Sherwin, Steph
APPLICANT: Skoultchi, Art
APPLICANT: Klapholz, Sue
APPLICANT: C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                    MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
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                                                                                                                                                                                0.2%;
Local Similarity 83.3%;
les 15; Conservation
                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                             LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET:
                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (415) 358-0803
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/462,947
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                               2176 CTACATTACCTTGCCCAG 2193
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                                                                                                                          CTACGCCACCTTGCCCAG
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322 Lakeside Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        U.S.A.
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                                                                                                                                                                                                        Score 13.2; DB 1
Pred. No. 7.9e+02
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Pred. No. 7.
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RESULT 1311
US-08-858-876A-9/c
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US-09-358-381-10/c
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/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-46
                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 83.3
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/358,381
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 10
                                                                                                                                                                                                                                                                                      sequence 9, Application US/08858876A Patent No. 6022856
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 10, Application US/09358381
Patent No. 6020199
GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Brett P. Monia
APPLICANT: Lex M. COWBERT
TITLE OP INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
PILE REFERENCE: RTS-0079
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: RTS-0011
CURRENT APPLICATION NUMBER: US/09/161,443A
CURRENT FILING DATE: 1998-09-25
CURRENT FILING DATE: 1998-09-25
NUMBER OF SEQ ID NOS: 47
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                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price,
STREET: 400 Seventh Street
                                                                                                                                                  TITLE OF INVENTION: Type 2 Neurotensin Receptor TITLE OF INVENTION: (hNT-R2)
NUMBER OF SEQUENCES: 12
                                                                                                                                                                                                      APPLICANT: Daniel CAPUT
APPLICANT: Pascale CHALC
APPLICANT: Pascual FERRA
APPLICANT: Vita NATALIO
                                                                                   CITY: Washington
                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3599 AGGCTAATCTCAAACTCC 3616
                                                                                                                                                                                                                                                                                                                                                                                                                             3152 TCACGGATGCTGGAGCCA 3169
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Pascual FERRARA
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; Pred. No. 7.9e
0; Mismatches
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Pred. No. 7.9e+02;
0; Mismatches 3;
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Query Match
Best Local Similarity
"hes 15; Conserva
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US-09-189-760-4
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; Sequence 42, Application US/09339964
; Patent No. 6025198
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LENGTH: 18
TYPE: DNA
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NAME: Player, William E.
REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                 GENERAL INFORMATION:
APPLICANT: Khodadoust, Mehran
TITLE OF INVENTION: NOVEL MTBX PROTEIN AND NUCLEIC ACID MOLECULES AND USES
TITLE OF INVENTION: THEREFOR
                                                                                                                                                                  Sequence 4, Application US/09189760 Patent No. 6031078
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Best Local Similarity
Matches 15; Conserv
            FILE REFERENCE: MNI-046CP2
CURRENT APPLICATION NUMBER: US/09/189,760
CURRENT FILING DATE: 1998-11-10
EARLIER APPLICATION NUMBER: 09/163,116
EARLIER FILING DATE: 1998-09-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILE REFERENCE: RTS-0065
CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: C. Frank Bennett APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: ANTISENSE MODULATION OF
MARLIER APPLICATION NUMBER: 60/089,467
                                                                                                                                                                                                                                                                                                                                                                                                                          PEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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PRIOR APPLICATION DATA:
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TOPOLOGY: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/FR 9723204 FILING DATE: 17-MAR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 19-SE
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Pred. No. 7.
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Pred. No. 7.9e+02
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US-08-859-167-7
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Matches
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APPLICANT: Khodadoust, Mehran
APPLICANT: Khodadoust, Mehran
TITLE OF INVENTION: NOVEL MTBX PROTEIN AND NUCLEIC ACID MOLECULES AND USES
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: MNI-04SCP
CURRENT APPLICATION NUMBER: US/09/188,811
CURRENT FILING DATE: 1998-11-09
EARLIER APPLICATION NUMBER: 09/163,116
EARLIER FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 8
                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/08859167
Patent No. 6037461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 18
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Patent No. 6037148
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                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Alnemii, Emad S.
APPLICANT: Fernandez-Alnemii, Teresa
APPLICANT: Fernandez-Alnemii, Teresa
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, M
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR
TITLE OF INVENTION: Of MAKING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
-09-188-811-4
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EARLIER APPLICATION UMMBER: (PENDING)
EARLIER FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.0
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                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                     NUMBER OF SEQUENCES: 1: CORRESPONDENCE ADDRESS:
                                                                                                                      STREET: One LIDELLY CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
                                                                                                                STATE:
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                     COMPUTER:
                                                                              ZIP: 19103
                                                                                             COUNTRY:
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                                                                                                                                                 E: Woodcock, Washburn, Kurtz, Mackiewicz & No.
One Liberty Place, 46th floor
PB: Floppy disk
IBM PC compatible
SYSTEM: WINDOWS
                                                                                               USA
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83.3%;
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Pred. No. 7.9e+02;
0; Mismatches 3;
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Pred. No. 7.9e+02
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AND METHODS
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US-09-256-465-44/c
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US-09-339-993-35
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                                                                                      GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0035
CURRENT APPLICATION UNMER: US/09/256,465
CURRENT FILING DATE: 1999-02-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lex M. COMBERT
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
FILE REFERENCE: RTS--0064
CURRENT APPLICATION NUMBER: US/09/339,993A
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 35
                                                    NUMBER OF SEQ ID NOS:
SEQ ID NO 44
                                                                                                                                                                                                                  Sequence 44, Application US/09256465 Patent No. 6043090
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6040179
GENERAL INFORMATION:
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Best Local Similarity
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
TYPE: DNA ORGANISM: Artificial Sequence
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                                     ENGTH: 18
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NAME: DeLuca, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,167
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear
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Pred. No. 7.9e+02;
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Pred. No. 7.9e+02;
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RESULT 1319
US-09-344-579-32/c
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                                                                                                                                                                                                                                                                                                                    US-08-295-509B-4
                                                         GENERAL INFORMATION:
                                                                       Sequence 32, Application US/09344579
Patent No. 6054316
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 15; Conservative
                                                                                                                                                                                                                                                                               Query Match
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Cummin
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Michael P. Straher
REGISTRATION NUMBER: 38,325
REFERENCE/DOCKET NUMBER: 1515
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         equence 4, Application US/08295509B
atent No. 6045995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris
STREET: One Liberty Place - 46th Ploor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-SOFTWARE: WordPerfect 6.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Capillary Electrophoretic Detection TITLE OF INVENTION: Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Preier, Susan M. APPLICANT: Griffey, Richard APPLICANT: Srivatsa, Susan (
                                                                                                                                                                                                                                                           Local
                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/295,509B FILING DATE: 24-AUG-1994 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Match 0.2%;
Local Similarity 83.3%;
                                                                                                                                                                                                    5398 AATACAAAAAAGAAAAAA 5415
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                                                                                                                                                                                                                                              15; Conserv
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                                                                                                                                                                                                                                                Conservative
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                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                             0.2%;
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Pred. No. 7.9e+02;
                                                                                                                                                                                                                                             Score 13.2; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-109-273-7
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LENGTH: 18
                                                  Matches
                                                                Query Match
Best Local
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/109,273
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Alnemri, Emad S.
APPLICANT: Rernandez-Alnemri, T.
TITLE OF INVENTION: FADD-LIKE A
TITLE OF INVENTION: USING THE S
TITLE OF INVENTION: Of MAKING T
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
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CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
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                                                                                                                                                                                                                              TELEFAX: (215) 568-34
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,167
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 19103
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 568-3100
                                                                                                                            MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                          0.2%;
Local Similarity 83.3%;
les 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: One ____
                                                                                                                                                                                                                                                                                            NAME: DeLuca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJ
                                                                                                                                                TOPOLOGY:
                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Woodcock,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1027 CCAAGCCAGGAGTCACCC 1044
3599 AGGCTAATCTCAAACTCC
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                                                                                                                                                                           nucleic acid
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One Liberty Place, 46th floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USA
                                                                                                                                                                                                                                               (215)
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                                                                                                                                                                                                                                             568-3439
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FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
USING THE SAME, AND COMPOSITIONS FOR AND METHODS
Of MAKING THE SAME
                  3616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0,
                                                                Score 13.2; DB 1;
Pred. No. 7.9e+02;
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Pred. No. 7.9e+02;
                                                  Mismatches
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RESULT 1322
US-08-884-029-9/c
; Sequence 9, Application US/08884029
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                                                                                                                                                 Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOPTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,626
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08605
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/388,381
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                       FRAGMENT TYPE: internal ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGI
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette,
COMPUTER: IBM Compatib
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: ge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis TITLE OF INVENTION: and Targeted Screening for p53 Mutations
                                                                                                                                                                                                                                                                                                    ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM:
                                                                                                                                                             Local Similarity
                                                                                                                                                                                                                            NAME/KEY:
                                                                                                                                                                                                                                                        ORGANISM:
                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (914) 962-4330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP:
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                                                                                                                 2186 TIGCCCAGGCTCTCCAAG 2203
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6071726
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1992 Commerce Street, Suite 309
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VENTION: Method, Reagents and Kit for Diagnosis
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                                                                                                                                                 Conservative
                                                                                                                                                                                                                       sequencing primer for exon 5 of human
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                                                                                                                                                                                                                                                                                                                                                           single
                                                                                                                                                            0.2%;
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                                                                                                                                               0; Mismatches
                                                                                                                                                             Score 13.2;
Pred. No. 7
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                                                                                                                                                                            DB 1;
                                                                                                                                                                         Length 18;
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                                                                                                                                                                                                                          p53 gene
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US-08-867-381A-34/c
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                                                                                                                                                                                             Sequence 34, Application US/08867381A Patent No. 6075123 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                   Matches
                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Lin, C
                                                                                     NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                          APPLICANT: Lahti, Jill M.
APPLICANT: Kidd, Vincent J.
TITLE OP INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND
TITLE OP INVENTION: THERAPEUTIC USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: French, Cynthia
TITLE OF INVENTION: Lyophilization of Cultured Human Cells
TITLE OF INVENTION: to Preserve RNA and DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
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                                 STREET: 411 Ha
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: 13..18 OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                CITY: Hackensack
                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                              5398 AATACAAAAAAGAAAAA 5415
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New Jersey
                                                    411 Hackensack Ave, Continental Plaza, 4th
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                                                                   David A. Jackson,
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/note= "t at positions 13-18 may
present or absent"
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Pred. No. 7
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RESULT 1325
US-08-941-445A-30
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Sequence 30, Application US/08941445A Patent No. 6107060 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 18
                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/08872917 Patent No. 6096549
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Best Local Similarity
                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: PELICIC, Vladimir
APPLICANT: REYRAT, Jean-Marc
APPLICANT: REYRAT, Jean-Marc
APPLICANT: GICQUEL, Brigitte
TITLE OF INVENTION: METHOD OF SELECTION OF ALLELIC EXCHANGE MUTANTS
FILE REFERENCE: 03495.0148-01
CURRENT APPLICATION NUMBER: US/08/872,917
CURRENT FILING DATE: 1997-07-11
EARLIER APPLICATION NUMBER: 08/661,658
EARLIER FILING DATE: 1996-06-11
NUMBER OF SEQ ID NOS: 11
NUMBER OF SEQ ID NOS: 11
                                                                                                                                                                                                                                                                                        -08-872-917-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Mycobacterium sp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 1340-1-001 N
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotides C-28"
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,381A
FILING DATE:
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ENGTH:
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                                                                                                                                                                                                         0.2%; Score 13.2; DB 1; Length 18; 83.3%; Pred. No. 7.9e+02; ative 0; Mismatches 3; Indels
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Pred. No. 7.9e
0; Mismatches
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.9e+02;
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RESULT 1326
US-09-205-143-41/c
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                                                                                                     ; FEATURE: ; OTHER INFORMATION: AntiBense Oligonucleotide US-09-205-143-41
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                                                                                                                                                                                               TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION FILE REFERENCE: RTS-0032 CURRENT PAPLICATION UNMERR: US/09/205,143 CURRENT FILING DATE: 1998-12-03 NUMBER OF SEQ ID NOS: 87 SEQ ID NOS: 87 LENGTH: 18
                                                                                                                                                                                                                                                                                                                          APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/941,445A
FILING DATE: 30-SEP-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/026,855
FILING DATE: 30-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: Winner, Ellen P
REGISTRATION NUMBER: 28,547
REFERENCE/DOCKET NUMBER: 89-97
                                   Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                              Sequence 41, Application US/09205143 Patent No. 6107091
                                                                       Query Match
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                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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TITLE OF INVENTION: Starch Encapsulation
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (303) 499-8080
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   3920 ACCAGTTCCTGGGTGAGA 3937
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                                   0; Mismatches
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                                                      Score 13.2; DB 1;
Pred. No. 7.9e+02;
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Pred. No. 7.9e+02
                                                                         DB 1;
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                                                                       Length 18;
                                       Indels
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APPLICANT: Lex M. Cowsert
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
ITITLE OF INVENTION: ANTISENSE MODULATION OF SRIFILE REFERENCE: RTS-0048
CURRENT APPLICATION NUMBER: US/09/280,409
CURRENT FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 146
SEQ ID NO 49
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                                                                                                                                                     US-09-280-409-93
                                                                                                                                                                    RESULT 1329
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US-09-205-143-57/c
       GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
APPLICANT: C. Frank Bennett
APPLICANT: Bert W. O'Malley
TITLE OF INVENTION: ANTISENSE MODULATION OF
FILE REFERENCE: RTS-0048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION FILE REFERENCE: RTS-0032 CURRENT FILING DATE: 1998-12-03 NUMBER OF SEQ ID NOS: 87 SEQ ID NO 57 LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 57, Application US/09205143
Patent No. 6107091
GENERAL INFORMATION:
                                                                                                                 Sequence 93, Application US/09280409 Patent No. 6107092
                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 6107092 GENERAL INFORMATION:
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   CURRENT
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                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
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Local Similarity 83.3%;
REFERENCE: RTS-0048
ENT APPLICATION NUMBER: US/09/280,409
                                                                                                                                                                                                                                         1901 CCACAGCTCTGCAGAACC 1918
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ACCAGTGCCTGGAGGAGA
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83.3%;
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Pred. No. 7.9e+02;
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Pred. No. 7.9e+02;
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                                   SRA EXPRESSION
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Sequence 65, Application US/09289466A
Patent No. 6124272
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF PD.
FILE REFERENCE: RTS-0060
CURRENT APPLICATION UNMEER: US/09/289,466A
CURRENT FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Watches 15; Conserva
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US-09-289-466-75
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                                                                                           US-09-289-466-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-289-466-65/c
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Best Local Similarity
Matches 15; Conserv
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NUMBER OF SEQ ID NOS: 146
SEQ ID NO 93
                                                                                                                                                                              NUMBER OF SEQ ID NOS: 86
SEQ ID NO 75
                                                                                                                                                                                                                                                                                                                Sequence 75, Appli
Patent No. 6124272
                                Matches
                                            Query Match
Best Local
                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 65
                                                                                                                                                                                                                                       APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF
PILE REFERENCE: RTS-0060
                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/289,466A CURRENT FILING DATE: 1999-04-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                    TYPE: DNA
                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
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                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                      FEATURE:
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 1284 ATGGGAGCCTTCTGTGAG 1301
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                              l Similarity
15; Conserv
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                                                                                                                                                                                                                                                                                                                               Application US/09289466A
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Pred. No. 7.9e
0; Mismatches
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Pred. No. 7.
                                            Score 13.2;
Pred. No. 7
                                 Mismatches
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.9e+02;
                                               .9e+02;
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                                                             DB 1;
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                                                          Length 18;
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                                 Indels
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Sequence 19, Application US/09054830
Patent No. 6127121
GENERAL INFORMATION:
APPLICANT: Meyer, Rich
TITLE OF INVENTION: OLIGONUCLEOTID
TITLE OF INVENTION: PYRAZOLO[3,4-D
TITLE OF INVENTION: MISMATCH DISCR
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US-09-200-990-13/c
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US-09-054-830-19/c
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TELEX: 706141
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                   Sequence 13, Application US/09200990
Patent No. 6184025
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                         Matches
                      APPLICANT: Herve PERRON
APPLICANT: Herve PERRON
APPLICANT: Prancois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESEMS
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: INPECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOL
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OUFTWARE: FASTESSO for Windows Version 2.0b CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/00/07/7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Brennan, Sean M
REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatil
OPERATING SYSTEM: Wind
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CORRESPONDENCE
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ZIP: 94304-1018
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Local Similarity 83.3%;
Les 15; Conservative
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CLASSIFICATION:
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ADDRESS:
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Pred. No. 7.9e+02;
0; Mismatches 3;
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US-09-200-990-15/c
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               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, V6
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/200,990
FILING DATE:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PILING DATE:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/471,969
APPLICATION NUMBER: 0, 1995
PILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Francois MALLET
APPLICANT: Bernard MANDRAND
APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESEME
TITLE OF INVENTION: INFECTIVE
TITLE OF INVENTION: CONSTITUE
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LENGTH: 18 bases
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/200,990

APPLICATION NUMBER: US/09/200,990
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ADDRESSEB: Oliff & Berridge
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CITY: Alexandria
STATE: Virginia
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APPLICATION NUMBER:
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Y: U.S.A.
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08/471,969
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Pred. No. 7.9e+02;
0; Mismatches 3
                                                                                                    Version
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; TYPE: nucleotide
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-200-990-15
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                                                                                                                                                                                          APPLICATION NUMBER: US/09/200, S
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/471,969
FILING DATE: June 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                            TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: /vv CITY: Alexandria CITY: Virginia CTATE: Virginia
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ATTORNBY/AGENT INFORMATION:
NAME: BETRING, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB
TELECOMMUNICATION INFORMATION:
TOPOLOGY: linear MOLECULE TYPE: cDNA -200-990-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
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Local Similarity 83.3%;
les 15; Conservative
                                                       STRANDEDNESS: single-stranded
                                                                                                                                                                              TELEPHONE:
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Pred. No. 7.9e+02;
0; Mismatches 3;
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RESULT 1337
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Best Local Similarity
Matches 15; Conserv
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Patent No. 6194150
                                                                                                     Matches
                                                                                                                                 Query Match
                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: Stinch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                 PILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                              TOPOLOGY: li
                                                                                                                                                                                                      TYPE: nucleic acid
                                                                                                                                                                                                                                                                       TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                   Local
                                                                                                                                                                                                                                                                                                                            NAME: Warburg, Richard REGISTRATION NUMBER: 32 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2099 CCTGCACTTGCCTGATGC 2116
                                                                        781 CAGGAAGGGCAGGCCAC 798
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15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Jarvis, Thale
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/09038073
                                                                                                     Conservative
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                                                                                                    0; Mismatches
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                                                                                                                   Score 13.2; DB 1.
Pred. No. 7.9e+02
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Pred. No. 7.9e+02
                                                                                                                                    DB 1;
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                                                                                                                                 Length 18;
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US-09-071-433-81

Sequence 81, Application US/09071433A Patent No. 6197584
GENERAL INFORMATION:

GENERAL INFORMATION: APPLICANT: Bennett,

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FILE REFERENCE: RTS-0002
CURRENT APPLICATION NUMBER: US/09/071,433A
CURRENT FILING DATE: 1998-05-01
NUMBER OF SEQ ID NOS: 91
SOCTWARE: PatentIn Ver. 2.0
SEQ ID NO 81
LENGTH: 18
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
COTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-071-433-81
                                                                          ; TOPOLOGY: 1:
; MOLECULE TYPE:
US-09-276-993-7
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US-09-276-993-7
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                                                                                                                                TELEBRAX: (215)
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
 Query Match 0.2%;
Best Local Similarity 83.3%;
Matches 15; Conservative
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Patent No. 6207801
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Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION: Alnemri, Emad S.
APPLICANT: Pernandez-Alnemri, Teresa
APPLICANT: Pernandez-Alnemri, Teresa
TITLE OF INVENTION: PADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHOI
TITLE OF INVENTION: OF MAKING THE SAME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Cowsert, TITLE OF INVENTION:
                                                                                                                                                                                                                                          NAME: DELLOE, MARK
REGISTRATION NUMBER: 3,229
REGISTRATION NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
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APPLICATION NUMBER: 08/859,167
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                                                                                                                                                                                                                    ELECUTANTE (215)
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CITY: Philadelphia
                                                                                                                              STRANDEDNESS:
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CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 19103
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/276,993
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TD NO: 7:
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Antisense Modulation of CD40 Expression
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Score 13.2; DB 1; Length 18; Pred. No. 7.9e+02; O; Mismatches 3; Indels
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Pred. No. 7.9e+02;
0; Mismatches 3;
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Gaps
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RESULT 1340
US-09-156-856-1/c
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Best Local (
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COMPUTER: Macintosh
ODERATING SYSTEM: System 7.1
SOPTWARE: Word 5.0 (Patentin)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,761
FILING DATE: 07-UN-1995
CLASSIFFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/086,411
FILING DATE: 29-JUN-1993
ATTORNEY/AGRNT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: A0207C-US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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APPLICANT:
APPLICANT:
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APPLICANT:
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ADDRESSEE: Rhone-Poulenc Rorer Inc.
STREET: 500 Arcola Road, 3C43
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Monoclonal Antibodies Specific to Human
TITLE OF INVENTION: Epidermal Growth Factor Receptor and Therapeutic Methods
TITLE OF INVENTION: Employing Same
NUMBER OF SEQUENCES: 17
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                                                                                                                                                                                                                                                                                                                                                              Local Similarity
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TOPOLOGY: lir
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ZIP: 19426
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Givol, David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ricca, George A.
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                                                                                                                                                                                                                                                                                                                                                              Score 13.2; DB 1;
Pred. No. 7.9e+02;
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GENERAL INFORMATION:
APPLICANT: Aerts, Johannes M.
TITLE OF INVENTION: Determination of a genetic risk factor for infection

Sequence 1, Application US/09156856A Patent No. 6221591

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-156-856-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/156,856A CURRENT FILING DATE: 1998-09-18 NUMBER OF SEQ ID NOS: 20 SOFTWARE: PatentIn Ver. 2.0 SEQ ID NO 1 LENGTH: 18
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Tocal Similarity
Conserv
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                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/478,316
FILING DATE: 07-JUN-1995
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/301,435
FILING DATE: 01-SEP-1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
                                                                                                                                               APPLICATION NUMBER: US 08/131,625
FILING DATE: 05-OCT-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/969,071
FILING DATE: 30-OCT-1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy COMPUTER: IBM PC com
                                                  NAME: Lavalleye, Jean-Paul M.P.
REGISTRATION NUMBER: 31,451
REFERENCE/DOCKET NUMBER: 4625-026-55X CIP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEPHONE: (703) 413-3000
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CITY: Arlington
                                      TELEFAX:
                  TELEX:
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: (703) 413-2220
248855 OPAT UR
FOR SEQ ID NO:
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1755 S. Jefferson Davis Highway, Suite 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         R, PATRICK G.
XIANG-JIN
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83.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV), PROTEIN ENCODED BY THE POLYNUCLEIC ACIDS, VACCINES BASED ON THE PROTEINS AND/OR POLYNUCLEIC ACIDS, A METHOD OF PROTECTING A PIG FROM PRRS AND A METHOD OF DETECTING A PRRSV
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Pred. No. 7.9e+02;
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US-09-632-580A-64/c
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                                       SOFTWARE: E
SEQ ID NO 65
LENGTH: 18
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Best Local Similarity
Watches 15; Conserv
                                                                                                                          TITLE OF INVENTION: Fixed Address Analys
PATENT NO. 6261782
FILE REPERENCE: YU 126
CURRENT APPLICATION NUMBER: US/09/544,713
CURRENT FILING DATE: 2000-04-06
                                                                                                                                                                                                                                                                                                                   Sequence 65, Apr.
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                                                                                                                                                                                                                                                             APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                 PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1999-
                                                                                                                                                                                                     APPLICANT:
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CURRENT FILING DATE: 2000-07-31
NUMBER OF SEQ ID NOS: 93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION:
FILE REFERENCE:
                                                                                   NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                 APPLICANT:
                                                                                                                                                                                                                                               APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence FEATURE:
                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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                                                                       PatentIn Ver. 2.1
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Lex M. Cowsert
                                                                                                                                                                                       Kaufman, Joseph C
Latimer, Darin R.
VENTION: Fixed Address Analysis of Sequence Tags
                                                                                                                                                                                                                              Guerra, Cesar &
Weber, Shane C.
                                                                                                                                                                                                                                                              Feng, Li
                                                                                                                                                                                                                                                                          Roth, Matthew
                                                                                                                                                                                                                                                                            Lizardi, Paul M. Roth, Matthew E.
                                                                                                                                                                                                                                                                                                                                     Application US/09544713
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                                                                                                 1999-04-06
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83.3%;
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Pred. No. 7.9e+02;
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Pred. No. 7
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7.9e+02;
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EARLIER APPLICATION NUMBER: 09/218,207

EARLIER FILING DATE: 1998-12-22

NUMBER OF SEQ ID NOS: 578

SOFTWARE: Patent.pm

SEQ ID NO 39

LENGTH: 18

TYPE: DNA

ORGANISM: Homo Sapiens

FEATURE:

NAME/KEY: misc-feature

LOCATION: 1..18

OTHER INFORMATION: upstream amplification primer 99-123-PU
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Hya, Chumakov
APPLICANT: Logueleret, Lydie
TITLB OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CP1CP
FULRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER APPLICATION NUMBER: 09/218,207
EARLIER FILING DATE: 1998-12-22
INUMBER OF SEQ ID NOS: 578
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TITLE OF INVENTION: PROSTATE CANCER GENE
FILE REFERENCE: GENSET.18CPLCP
FULE REFERENCE: GENSET.18CPLCP
CURRENT APPLICATION NUMBER: US/09/338,907
CURRENT FILING DATE: 1999-06-23
EARLIER APPLICATION NUMBER: 08/96,306
EBRLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER APPLICATION NUMBER: 60/099,658
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Ilya, Chumakov
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Local Similarity 83.3%;
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Pred. No. 7.9e+02;
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Pred. No. 7.9e+02
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TYPE: nucleic acid
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STRANDEDNESS: single
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TOPOLOGY: linear
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SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-472-880-9
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US-09-472-880-9/c
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Patent No. 6274333
GENERAL INFORMATION:
APPLICANT: Daniel CAPUT
Pascale CHALON
Pascual FERRARA
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Best Local Similarity 83.3%;
Matches 15; Conservative
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                                                                     Matches
                                                                                   Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                          NAME: Player, William E.
REGISTRATION NUMBER: 31,049
INFORMATION FOR SEQ ID NO: 9:
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NAME/FY: misc feature
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer for SEQ 228, SEQ 305
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/FR 9723204 FILING DATE: 17-MAR-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Type 2 Neurotensin Receptor (hNT-R2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4834 CCCTTGAGTCCTGGCTTT 4851
                                705 TGGGGAGCAGCGGGCCTG 722
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18
                                                                   15;
 TTGGGAGCAGAGGGCCAG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SSPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern, PLLC
STREET: 400 Seventh Street
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: D.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: USA
                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20004
                                                                                   0.2%;
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                                                                                   Score 13.2; DB 1;
Pred. No. 7.9e+02;
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Pred. No. 7.9e+02
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                                                                     Mismatches
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PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR FILING DATE: 1999-07-21
PRIOR PILING DATE: 1999-12-14
PRIOR FILING DATE: 1999-12-14
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 10
LENGTH: 18
ORGANISM: Artificial Sequence
PEATURE:
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; Sequence 94, Application US/09630706
; Patent No. 6277640
                                                                                                                                                                          US-09-514-422-4
                                                                                                                                                                                            RESULT 1349
                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-577-902-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-577-902-10/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide US-09-630-706-94
             Sequence 4, Application US/09514422
Patent No. 6291193
GENERAL INFORMATION:
APPLICANT: Khodadoust, Mehran
TITLE OF INVENTION: NOVEL MTEX PROTEIN J
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: MNI-046CP2
CURRENT APPLICATION NUMBER: US/09/514,422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
APPLICANT: Robert McKay
                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 10, Application US/09577902
Patent No. 6284538
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS:
SEQ ID NO 94
LENGTH: 18
TYPE: DNA
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CURRENT APPLICATION NUMBER: US/09/630,706
CURRENT APPLICATION NUMBER: US/09/630,706
CURRENT FILING DATE: 2000-08-01
NUMBER OF OCC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: ANTISENSE MODULATIO
FILE REFERENCE: ISPH-0463
CURRENT APPLICATION NUMBER: US/09/577,902
CURRENT FILING DATE: 2000-05-24
CURRENT FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: C. Frank Bennett APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                     0.2%;
Local Similarity 83.3%;
1es 15; Conservative
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                                                                 Khodadoust, Mehran
ENTION: NOVEL MTEX PROTEIN AND NUCLEIC ACID MOLECULES AND USES
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2000-02-28
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Pred. No. 7.9e+02
0; Mismatches
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Pred. No. 7.9e+02;
0; Mismatches
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                                                    US-08-996-533-13
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PRIOR PILING DATE: 1998-1:
PRIOR PELICATION NUMBER:
PRIOR PILING DATE: 1998-0:
PRIOR APPLICATION NUMBER:
PRIOR PILING DATE: 1998-0:
PRIOR PILING DATE: 1998-1:
PRIOR PILING DATE: 1998-1:
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 Best Local Similarity
                   Query Match
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ZIP: 92660
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASICSKO VECRICON 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/996,5:
                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                       FILING DATE:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: ALRG
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714-760-0404
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Nagpal
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TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Nagpal, Sunil
APPLICANT: DiSepio, Daniel
APPLICANT: Chandraratna, Roshantha
TITLE OF INVENTION: RETINOID INDUCED
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: PRIOR APPLICATION NUMBER: '
                                                                    MOLECULE TYPE: CDNA
                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
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Local Similarity 83.3%;
hes 15; Conservative
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CITY: Newport Beach
                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                     TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                       TELEFAX:
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620 Newport Center Drive
                                                                                                                                                                                                       714-760-9502
                                                                                    linear
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0.2%;
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Score 13.2; DB 1;
Pred. No. 7.9e+02;
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Pred. No. 7.9e+02
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                 Length 18;
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RESULT 1352
US-09-257-580-10
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 Sequence 10, Application US/09257580
Patent No. 6307036
GENERAL INFORMATION:
APPLICANT: Yorkshire Cancer Research
TITLE OF INVENTION: Tumour Suppressor Gene
FILE REFERENCE: Canine p53
CURRENT APPLICATION NUMBER: US/09/257,580
                                                                                                                                                                                                                                                                                                 Query Match
Best Local (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 34, Application US/09521144
Patent No. 6306648
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APPLICATION NUMBER: US 08/867,381

PILING DATE: O2-UN-1997

ATTORNEY/AGRAY INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCEJ DOCKET NUMBER: 1340-1-001 N

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, V.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/521,144
FILING DATE: 08-MAR-2000
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Lahti, Jill M.
APPLICANT: Kidd, Vincent J.
APPLICANT: KIDD, VINCENT J.
TITLE OF INVENTION: CYCLIN-C VARIANT, AND DIAGNOSTIC AND
TITLE OF INVENTION: THERAPEUTIC USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: OF DESCRIPTION: //
HYPOTHETICAL: NO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET:
                                                                                                                                                                                                                                                                                           Local Similarity 83.3%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Hackensack
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                                                                                                                                                                                                                                          4801 CTCAGCAGCTGAAGTATC 4818
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                                                                                                                                                                                                                                                                              Conservative
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Pred. No. 7.9e+02;
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; TYPE: DNA
; ORGANISM: canis
US-09-257-580-10
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US-08-891-292A-39
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; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: PCR or LDR
US-08-891-292A-24
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                                                                                                                                                ; GENERAL INFORMATION:
APPLICANT: Barany, E
APPLICANT: Luo, Jian
APPLICANT: Klanna, N
APPLICANT: Bergstron
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US-08-891-292A-24
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                                                                                                                                                                                                                                          Sequence 39, Application US/08891292A Patent No. 6312892
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LENGTH: 18
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APPLICANT: Luo, Jianying
APPLICANT: Khanna, Marilyn
APPLICANT: Bergetrom, Donald B.
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
TITLE OF INVENTION: LIGASE DETECTION REACTION
FILE REFERENCE: 1960/457
CURRENT APPLICATION NUMBER: US/08/891,292A
CURRENT FILING DATE: 1997-07-10
PRIOR APPLICATION NUMBER: 60/022,535
PRIOR APPLICATION NUMBER: 60/022,535
PRIOR PILING DATE: 1996-07-19
NUMBER OF SEQ ID NOS: 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Bergstrom, Donald E.
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES
TITLE OF INVENTION: LIGASE DETECTION REACTION
FILE REFERENCE: 19603/457
CURRENT APPLICATION NUMBER: US/08/891,292A
CURRENT FILING DATE: 1997-07-10
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE: 1998-0
NUMBER OF SEQ.ID NOS: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 60/022,535
PRIOR FILING DATE: 1996-07-19
NUMBER OF SEQ ID NOS: 96
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Pred. No. 7.9e+02
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RESULT 1356
US-09-651-656-62/c
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APPLICANT: Wilson, C. Ron
APPLICANT: Craft, David L.
APPLICANT: Eirich, Dudley
APPLICANT: Bishoo, Mark
APPLICANT: Madduri Krishna
APPLICANT: Cornett, Cathy A.
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                                    GENERAL INFORMATION:
APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
TITLE OF INVENTION: DETECTION AND QUANTITATION OF SINGLE NUCLEOTIDE
TITLE OF INVENTION: DOLYMORPHISMS, DNA SEQUENCE VARIATIONS, DNA MUTI
TITLE OF INVENTION: DAMAGE AND DNA MISMATCHES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Tang, Maria
APPLICANT: Loper, John C.
APPLICANT: Gleeson, Martin
TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450
TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND RELATED TO THE OMEGA
TITLE OF INVENTION: PURCOXYLASE COMPLEX OF CANDIDA TROPICALIS AND METHODS
TITLE OF INVENTION: RELATING THERETO
FILE REFERENCE: 1010-16.seq
CURRENT APPLICATION UNMERR: US/09/302,620B
CURRENT FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 109
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 18
LENGTH: 18
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Sequence 18, Apr-
No. 6331420
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Best Local Similarity
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SEQ ID NO 39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: Primer
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APPLICATION NUMBER: US/09/651,656 FILING DATE: 2000-08-29
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Similarity 83.3%;
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Pred. No. 7.9e+02;
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GENERAL INFORMATION:
APPLICANT: MCCUTHEN MALONEY, SANDRA
APPLICANT: MCCUTHEN MALONEY, SANDRA
APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
ITITLE OF INVENTION: DETECTION AND QUANTITATION OF SINGLE NUCLEOTIDE
OF INVENTION: DETECTION AND QUANTITATION OF SINGLE NUCLEOTIDE
ITITLE OF INVENTION: DNA DAMAGE AND DNA MISMATCHES
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SEQ ID NO 62
LENGTH: 18
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PRIOR FILING DATE: 2000-03-28
NUMBER OF SEQ ID NOS: 106
SOPTWARE: PATENTIN VET. 2.1
SEQ ID NO 64
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CURRENT APPLICATION NUMBER: US/09/651,656
CURRENT FILING DATE: 2000-08-29
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PRIOR FILING DATE: 2000-0.
NUMBER OF SEQ ID NOS: 106
                                                                                                                                                                                                                             GENERAL INFORMATION:
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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                                           APPLICANT: Frederic BEDIN
APPLICANT: Frederic BESENE
TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR
TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
                                                                                                                                                                         APPLICANT: Herve PERRON
APPLICANT: Francois MALI
APPLICANT: Bernard MANDI
STREET:
CITY: A
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 : 700 South Washington 
Alexandria
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Pred. No. 7.9e+02
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Pred. No. 7
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                  Street,
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                   Suite 300
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                                                                                                       SCLEROSIS, AND BIOPOLY
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COUNTRY:

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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Patentin Release #1.0, Ver
SOFTWARE: Patentin Release #1.0, Ver
CURRENT APPLICATION NUMBER: US/09/13,411
PILING DATE:
PRIOR APPLICATION NUMBER: US/09/13,411
PILING DATE: Pebruary 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: WPB 36055
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
APPLICATION NUMBER: US/09/133,411
FILING DATE:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/384,137
APPLICATION NUMBER: 08/384,137
FILING DATE: Pebruary 6, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                             STREET: 700 CITY: Alexandria CITY: Virginia TATE: Virginia
                                                                                                                                                                                        COMPUTER READABLE FORM:

MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS
                                                                                                                                                    SOFTWARE: Patentin Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR TITLE OF INVENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, TITLE OF INVENTION: CONSTITUENTS THEREOF (AS AMENDED)
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                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                           ZIP: 22314
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleotide
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Bernard MANDRAND
Frederic BEDIN
Frederic BESEME
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                            PILING DATE:
PRIOR APPLICATION UNMBER: 08/384,137
APPLICATION NUMBER: 08/384,137
APPLICATION NUMBER: 08/384,137
APPLICATION NUMBER: 1995
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36055
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
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INFORMATION FOR SEQ ID NO:
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INFORMATION FOR SEQ ID NO:
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TITLE OF INVENTION: 1
TITLE OF INVENTION: C
NUMBER OF SEQUENCES:
                                                                          STRANDEDNESS: single-stranded TOPOLOGY: linear MOLECULE TYPE: cDNA
                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 18 bases
TYPE: nucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/133,411
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: cDNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 700 Sout
CITY: Alexandria
STATE: Virginia
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Local Similarity 83.3%;
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TYPE: nucleotide
STRANDEDNESS: single-stranded
TOPOLOGY: linear
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ZIP: 22314
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Frederic BESEME

Frederic BESEME

VENTION: MSRV1 VIRUS AND MSRV2 PATHOGEN AND/OR

VENTION: INFECTIVE AGENT ASSOCIATED WITH MULTIPLE SCLEROSIS, AND BIOPOLY
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Bernard MANDRAND
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83.3%;
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Pred. No. 7.9e+02;
  Score 13.2; DB 1;
Pred. No. 7.9e+02;
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                                                                                                                                                                                                   APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET 1018CP1
CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-218-207-360/c
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SEQ ID NO 39
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 360, Application US/09218207
Patent No. 6346381
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Matches
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Best Local Similarity
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                                                                                                                             SEQ ID NO 360
                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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APPLICANT: Blumenfeld, Marta
APPLICANT: Ilya, Chumakov
APPLICANT: Bougueleret, Lydie
TITLE OF INVENTION: Prostate cancer gene
FILE REFERENCE: GENSET.018CP1
                                                                                                                                              EARLIER FILING DATE: 1998-09-09
NUMBER OF SEQ ID NOS: 578
SOFTWARE: Patent.pm
                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Cohen, Daniel APPLICANT: Blumenfeld, M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EARLIER FILING DATE: 1997-12-22
EARLIER APPLICATION NUMBER: 60/099,658
EARLIER FILING DATE: 1998-09-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/218,207
CURRENT FILING DATE: 1998-12-22
EARLIER APPLICATION NUMBER: 08/996,306
EARLIER FILING DATE: 1997-12-22
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                 FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc-feature LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
                                                                     ORGANISM: Homo Sapiens
OTHER INFORMATION: upstream amplification primer for SEQ 228, SEQ 305
                                                                                            TYPE: DNA
                                                                                                            ENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4834 CCCTTGAGTCCTGGCTTT 4851
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Pred. No. 7.
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; OTHER INFORMATION: Description of Artificial Sequence: US-09-357-740-6
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                                                                                                                                                                                                                                                                                                                                                        PATENT NO. 6358680

GENERAL INFORMATION:
APPLICANT: Beck, James J.

TITLE OF INVENTION: Detection of Wheat and Barley Fungal
TITLE OF INVENTION: Pathogens Using the Polymerase Chain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 22
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Lee, Linda G.
APPLICANT: Generald J.
APPLICANT: Mullah, Khairuzzaman B.
APPLICANT: Haxo, Francis T.
TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 18,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 9584-007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/026,601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 18
   CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 4
                                                                                                                                                                                                                             COUNTRY: US
ZIP: 27709
                                                                                                                                                                                                                                                                             STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
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                                                                                                                                                                                                                                                               No. 6358680th Carolina
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/09026601
                                                                                                                                                                                                                                               USA
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                                                                                                                                                                                                                                                                                                                   No.
                                                                                                                                                                                                                                                                                                                   6358680artis Corporation
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36,241
3ER: CGC 1984
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Pred. No. 7.9e+02;
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Pred. No. 7.
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RESULT 1366
US-09-650-855-64/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence:PCR Primer US-09-650-855-62
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US-09-650-855-62/c
                                                                                                 PATENT NO. COLUMN GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: MCCUTHEN-MALONEY, SANDRA
APPLICANT: LAWRENCE LIVERWORE NATIONAL LABORATORY
APPLICANT: LAWRENCE LIVERWORE NATIONAL LABORATORY
APPLICANT: LAWRENCE LIVERWORE NATIONAL AND QUANTITATION OF DNA
TITLE OF INVENTION: MUTATIONS, DNA SEQUENCE VARIATIONS, DNA DAMAGE AND DNA
TOWATCHES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-026-601-18
             TITLE OF INVENTION: CHIMERIC PROTEINS FOR I
TITLE OF INVENTION: MUTATIONS, DNA SEQUENCY
TITLE OF INVENTION: MISMATCHES
FILE REFERENCE: IL-10284
CURRENT APPLICATION NUMBER: US/09/650,855
CURRENT FILING DATE: 2000-08-29
PRIOR APPLICATION NUMBER: 60/192,764
PRIOR FILING DATE: 2000-03-28
NUMBER OF SEQ ID NOS: 106
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SEQ ID NO 62
LENGTH: 18
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                                                                                                                                                                                                                                                                         Sequence 64, Application US/09650855 Patent No. 6365355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches 15; Conservative
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Best Local Similarity
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Best Local Similarity 83.3%;
                                                                                                                                                                                                                                                                       Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: MCCUTHEN-MALONEY, SANDRA
APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
APPLICANT: LAWRENCE LIVERMORE NATIONAL LABORATORY
TITLE OF INVENTION: CHIMERIC PROTEINS FOR DETECTION AND QUANTITATION OF DNA
TITLE OF INVENTION: MISMATCHES
PILE REFERENCE: IL-10284
CURRENT APPLICATION NUMBER: US/09/650,855
CURRENT APPLICATION NUMBER: US/09/650,855
CURRENT FILING DATE: 2000-08-29
PRIOR APPLICATION NUMBER: 60/192,764
RNIOR FILING DATE: 2000-03-28
NUMBER OF SEQ ID NOS: 106
COURTMEND OF SEQ ID NOS: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 919-541-8689 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "Primer JB652"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
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PatentIn Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
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Pred. No. 7.
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Pred. No. 7.9e+02;
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APPLICANT: Xu, Minzhen
APPLICANT: Qiu, Gang
APPLICANT: Qiu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CIP)
CURRENT APPLICATION NUMBER: US/09/205,995
CURRENT FILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR PILING DATE: 1998-03-09
PRIOR FILING DATE: 1998-03-09
PRIOR FILING DATE: 1996-06-11
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APPLICANT: Qiu, Gang
APPLICANT: Qiu, Gang
APPLICANT: Humphreys, Robert
TITLE OF INVENTION: CANCER CELL VACCINE
FILE REFERENCE: U.S. Application 09/205,995, (CURRENT APPLICATION NUMBER: US/09/205,995
CURRENT FILING DATE: 1998-12-04
PRIOR APPLICATION NUMBER: 09/036,746
PRIOR APPLICATION NUMBER: 09/661,627
PRIOR PILING DATE: 1998-03-09
PRIOR FILING DATE: 1996-06-11
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LENGTH: 18
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver.
SEQ ID NO 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 79
SOFTWARE: PatentIn Ver. 2
SEQ ID NO 48
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GENERAL INFORMATION:
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                Sequence 61, Application US/09205995 Patent No. 6368855
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: antisense OTHER INFORMATION: oligonucleotide corresponding to a specific reOTHER INFORMATION: of the mouse Ii gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                           2641 CTGCAGCTGCTGCAG
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Pred. No. 7.
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Pred. No. 7.9e+02
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GENERAL INFORMATION:

APPLICANT: PAUL, Prem

APPLICANT: MENG, Xiang-Jin

APPLICANT: MOROZOV, Igor

APPLICANT: MOROZOV, Igor

APPLICANT: HALBUR, Patrick

TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)

FILE REFERENCE: 4625-0039-55X CIP

CURRENT APPLICATION NUMBER: US/09/019,793A

CURRENT FILING DATE: 1998-02-06

PRIOR APPLICATION NUMBER: 08/478,316

PRIOR APPLICATION NUMBER: 08/478,316

PRIOR APPLICATION NUMBER: 08/478,316

PRIOR APPLICATION NUMBER: 08/301,435

PRIOR APPLICATION NUMBER: 08/301,435

PRIOR APPLICATION NUMBER: 08/31,625

PRIOR APPLICATION NUMBER: 08/931,625

PRIOR APPLICATION NUMBER: 07/969,071

PRIOR APPLICATION NUMBER: 07/969,071

PRIOR FILING DATE: 1993-10-05

PRIOR APPLICATION NUMBER: 07/969,071

PRIOR FILING DATE: 1992-10-30

NUMBER OF SEQ ID NOS: 108

SOCTUMBER: OF SEQ ID NOS: 108
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US-09-637-751A-7/c
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US-09-019-793A-79/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence:synthetic US-09-019-793A-79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: P.
SEQ ID NO 79
LENGTH: 18
                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                            Sequence 7, Application US/09637751A Patent No. 6383754
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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Best Local :
                                              Patent No. 6383754
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                              APPLICANT: Kaufman, Joseph C.
APPLICANT: Roth, Matthew E.
APPLICANT: Lizardi, Paul M.
APPLICANT: Feng, Li
APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence
                           FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                         1008 CTCCCCAGACCATGAGTC 1025
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o. 6380376
FERENCE: AGL 100
APPLICATION NUMBER: US/09/637,751A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               h 0.2%;
Similarity 83.3%;
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83.3%;
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Pred. No. 7.9e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 18;
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CURRENT FILING DATE: 2000-08-1.
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity
Tatches 15; Conserva
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                                                                                                                                                                                                                                                                                                                                                             US-09-167-109-167/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Brett P. Monia
APPLICANT: Lex M. Coweert
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-ALPHA EXPRESSION
FILE REFERENCE: RTSP-0117
CURRENT APPLICATION NUMBER: US/09/856,074B
CURRENT FILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: US/09/197,360
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US/09/856,074
PRIOR APPLICATION NUMBER: US/09/856,074
PRIOR APPLICATION NUMBER: US/09/856,074
PRIOR FILING DATE: 2001-05-17
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 35
LENGTH: 18
                                                      CURRENT APPLICATION NUMBER: US/09/167,109
CURRENT FILING DATE: 1998-10-06
NUMBER OF SEQ ID NOS: 228
SEQ ID NO 167
LENGTH: 18
TYPE: DNA
                                                                                                                                                                          GENERAL INFORMATION:

APPLICANT: Baker, Brenda F.

APPLICANT: Cowsert, Lex M.

APPLICANT: Monia, Brett P.

APPLICANT: Monia, Brett P.

APPLICANT: X1, Xiaoxing S.

TITLE OF INVENTION: ANTISENSE MODULATION OF PILE REFERENCE: ISPH-0321
                                                                                                                                                                                                                                                                                                                   Sequence 167, Application US/09167109 Patent No. 6399297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 35, Application US/09856074B Patent No. 6395545
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
OTHER INFORMATION: antisense sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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Pred. No. 7.9e+02
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Pred. No. 7.9e+02;
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                                                                                                                                                                                                     TRAF EXPRESSION
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US-09-545-225-9/c
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Patent No. 6410321
GENERAL INFORMATION:
                                                                             Matches
                                                                                                               Query Match
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
CLASSIFICATION CURRENT: US/09/545,225
FILING DATE: 07-Apr-200
CLASSIFICATION NUMBER: US 08/884,029
FILING DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:

NUMBER: DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                             Local
                                                                                                                                                                    NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                      5398 AATACAAAAAAGAAAAAA 5415
                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
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                                                                                             Similarity
                                                                                                                                                                                                                                               NAME/KEY:
LOCATION:
                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: California
                                                                                                                                                                                                                                                                                                                                                                                       ENGTH: 18 base pairs
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Cossman, Jeffrey
French, Cynthia
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83.3%;
                                                                                         0.2%;
                                                                         0
                                                                         Score 13.2; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 3;
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Pred. No. 7.
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; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-24
                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/08/275,951
CURRENT FILING DATE: 1994-07-15
PRIOR APPLICATION NUMBER: 08/108,591
PRIOR FILING DATE: 1993-11-22
PRIOR PILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR APPLICATION NUMBER: 08/088,661
PRIOR PILING DATE: 1993-07-02
PRIOR PILING DATE: 1993-07-02
PRIOR APPLICATION NUMBER: PCT/EP92/01219
PRIOR APPLICATION NUMBER: 986/91
PRIOR APPLICATION NUMBER: 986/91
PRIOR PILING DATE: 1992-05-22
PRIOR PILING DATE: 1992-05-22
PRIOR PILING DATE: 1991-05-22
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US-08-275-951-32/c
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                                                                                                    NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn V
SEQ ID NO 32
LENGTH: 18
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LENGTH: 18
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Patent No. 6429300
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Patent No. 6451968
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/09/619,103
CURRENT FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Rich
                                                                                                                                                                                                      PRIOR FILING DATE: 1991-05-24
PRIOR APPLICATION NUMBER: 510/92
PRIOR FILING DATE: 1991-04-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Coull, James M.
APPLICANT: Neilsen, Peter
APPLICANT: Buchardt, Ole
APPLICANT: Bucholm, Kim L.
APPLICANT: Christensen, Leif
TITLE OF INVENTION: Linked Peptide Nucleic Acids
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                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 1991-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                        ORGANISM: Artificial Sequence FEATURE:
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OTHER INFORMATION: Description of Artificial Sequence: No. 6451968el Sequence
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                                                                                                                                                        PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Griffin, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Kiely, John
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Egholm, Michael
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Pred. No. 7.9e+02;
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US-09-531-000-29/c
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US-09-322-409-17
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LENCTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: JOHNSON, Marion D.
APPLICANT: FRESCO, Jacques R.
TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
FILE REFERENCE: 2448-103
CURRENT APPLICATION NUMBER: US/09/531,000
CURRENT FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: PCT/US98/23765
PRIOR FILING DATE: 1998-11-10
PRIOR FILING DATE: 1998-11-10
                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Sim, Gek-Kee
APPLICANT: Yang, Shumin
APPLICANT: Ureitz, Matthew J.
APPLICANT: Wonderling, Ramani S.
APPLICANT: Wonderling, Ramani S.
TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 29, Application US/09531000 Patent No. 6461810
                                                       SEQ ID NO 17
LENGTH: 18
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Best Local Similarity
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                                                                                          FILE REFERENCE: IM-2-C1
CURRENT APPLICATION NUMBER: US/09/322,409
CURRENT FILING DATE: 1999-05-28
EARLIER APPLICATION NUMBER: 60/087,306
EARLIER FILING DATE: 1998-05-29
NUMBER OF SEQ ID NOS: 154
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: 60/0
PRIOR FILING DATE: 1997-11-10
NUMBER OF SEQ ID NOS: 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature LOCATION: (9)...(10)
OTHER INFORMATION: Lysine, Amino Hexanoic Acid, Lysine, OTHER INFORMATION: Hexanoic Acid, Lysine Linkage
                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: sequences
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2122 ATGAAGCGGAAGGAAAAA 2139
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Pred. No. 7.9e+02
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Pred. No. 7.9e+02
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CURRENT APPLICATION NUMBER: US/09/451,527
CURRENT FILING DATE: 1999-12-01
EARLIER APPLICATION UNMBER: 09/322,409
EARLIER FILING DATE: 1999-05-28
EARLIER FILING DATE: 1999-05-28
EARLIER APPLICATION NUMBER: 60/087,306
EARLIER FILING DATE: 1999-05-29
NUMBER OF SEQ ID NOS: 174
SOPTWALE: PATENTIN Ver. 2.0
SEQ ID NO 17
LENGTH: 18
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US-09-451-527-17
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                                                                                                                                                                                                                                                                                                                                                                             RESULT 1379
                                                                                                                                                                                                                                                                                  Sequence 19, Application US/09431385
Patent No. 6485906
GEMERAL INFORMATION:
APPLICANT: Meyer, Rich
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Best Local S
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Sim, Gek-Kee
APPLICANT: Yang, Shumin
APPLICANT: Yang, Shumin
APPLICANT: Ureitz, Matthew J.
APPLICANT: Wonderling, Ramani S.
TITLE OF INVENTION: CANINE AND FELINE IMMUNOREGULATORY PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES, AND USES THEREOF
FILE REFERENCE: IM-2-C2
                                                                                                                                                                                                                               APPLICANT: Meyer, RITITLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                               COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
                                                                                                                                                                                                                NUMBER OF SEQUENCES:
                                                                                                                                        STREET: 755 PAGI
CITY: PALO ALTO
                COMPUTER: IBM Compatible OPERATING SYSTEM: Windows
 SOFTWARE:
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FastSEQ for Windows Version 2.0b
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Pred. No. 7.
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Pred. No. 7.
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.9e+02;
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                                                                                                                                                                                                                                                     HYBRIDIZATION AND
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RESULT 1381
US-09-920-760-35
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                                                 Sequence 35, Application US/09920760
Patent No. 6492173
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
FILE REFERENCE: RTS-0275
CURRENT APPLICATION NUMBER: US/09/920,760
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 35
LENGTH: 18
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SEQ ID NO 19
LENGTH: 18
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Patent No. 6492173
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION FILE REPERENCE: RTS-0275 CURRENT APPLICATION NUMBER: US/09/920,760 CURRENT FILING DATE: 2001-08-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
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REGISTRATION NUMBER: 39,917
REFERENCE/DOCKET NUMBER: 34.7
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 1998-APR-03 ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                            793 GGCCACTCTCCCTCATTC 810
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larity 83.3%;
Conservative
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Pred. No. 7.9e+02;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 13.2; DB 1; Length 18; Pred. No. 7.9e+02; O; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-280-030-28/c
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US-09-077-619-30
                                       NUMBER OF SEQ ID NOS: 66
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 28
LENGTH: 18
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NUMBER OF SEQ ID NOS: 46
SOFTWARE: PatentIn version 3.0
SEQ ID NO 30
LENGTH: 18
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APPLICANT: ARGUELLO, Rafael
APPLICANT: AVARIAN, Hovanes
APPLICANT: MADRIGAL, Alejandro
TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 28, Application US/09280030A Patent No. 6506595
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Patent No. 6500614
                                                                                                                   APPLICANT: Sato, Seiji
APPLICANT: Higashikuni, Naohiko
APPLICANT: Higashikuni, Naohiko
APPLICANT: Kudo, Toshiyuki
APPLICANT: Kudo, Masaaki
APPLICANT: Kondo, Masaaki
APPLICANTON: DNAS ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
TITLE OF INVENTION: DNAS
TITLE OF INVENTION: DNAS
CURRENT FILING ANTE: 1999-03-26
EARLIER APPLICATION NUMBER: US/09/280,030A
CURRENT FILING DATE: 1998-03-31
EARLIER FILING DATE: 1998-03-31
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CURRENT APPLICATION NUMBER: US/09/077,619
CURRENT FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/GB96/02959
PRIOR FILING DATE: 1996-11-29
PRIOR APPLICATION NUMBER: GB 9524381.2
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ORGANISM: Artificial Sequence
FEATURE:
ORGANISM: Artificial Sequence
                        TYPE:
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Local Similarity 83.3%;
les 15; Conservation
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ilarity 83.3%;
Conservative
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Pred. No. 7.9e+02;
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Pred. No. 7.9e+02
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FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Designated is

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; OTHER INFORMATION: a reverse primer for PCR amplification of ; OTHER INFORMATION: MWPsp-MWPmp5 DNA US-09-280-030-28
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Patent No. 6
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LENGTH: 18
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Best Local Similarity
Matches 15; Conserv
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                                                        APPLICANT: BARRE-SINOUSSI, Francoise
TITLE OF INVENTION: NON-M NON-O HIV STRAINS,
FILE REFERENCE: 598US12
CURRENT APPLICATION NUMBER: US/09/319,588C
CURRENT FILING DATE: 1999-08-27
PRIOR APPLICATION NUMBER: FR96/15087
PRIOR PILING DATE: 1996-12-09
NUMBER OF SEQ ID NOS: 98
                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: INSTITUT NATIONAL DE LA SANTE APPLICANT: ASSISTANCE PUBLIQUE-HOPITAUX APPLICANT: INSTITUT PASTEUR APPLICANT: MAUCLERE, Philippe APPLICANT: LOUSSERT-AJAKA, Ibtissam
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   SOFTWARE: PO
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SOFTWARE: PatentIn Ver. ?
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                                   PatentIn Ver.
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SARAGOSTI, Sentob
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to LSI AS1.1 ltr of Figure 1)
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Pred. No. 7.9e
0; Mismatches
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Pred. No. 7
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7.9e+02;
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US-09-422-978-5872/c
Sequence 5872, Application US/09422978
Patent No. 6537751
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
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Best Local Similarity
Matches 15; Conserve
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
ITITLE OF INVENTION: Biallelic markers for use in ITITLE OF INVENTION: Biallelic markers for use in ITITLE OF INVENTION BIALLELIC US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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LENGTH: 18
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Patent No. 653775
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1999-04-21
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EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 18
TYPE: DNA
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NAME/KBY: primer_bind
LOCATION: 1..18
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Pred. No. 7.9e
0; Mismatches
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Pred. No. 7.
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.9e+02;
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                                                                                                                                                                                                    in constructing a high density...
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Sequence 7557, Application US/09422978

Patent NO. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in

PILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT PILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 09/298,850

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/109,732

EARLIER APPLICATION NUMBER: US 60/109,732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
PILICANT: Chumakov, Ilya
ITITLE OF INVENTION: Blallelic markers for use in constructing a h:
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER APPLICATION NUMBER: US (05/109,732
EARLIER FILING DATE: 1999-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER PILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER: OF SEQ ID NOS: 11796
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US-09-422-978-7557/c
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US-09-422-978-6975
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LENGTH: 18
TYPE: DNA
ORGANISM: Homo Sapiens
PEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: upstream amplification primer 99-21810 for SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity 83.3%;
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Pred. No. 7.9e+02;
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.9e+02;
                                                                                                                                           in constructing a high density...
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Sequence 7598, Application US/09422978

Patent No. 6537751

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
ITILE OF INVENTION: Biallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
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US-09-422-978-7849/c
; Sequence 7849, Application US/09422978
; Patent No. 6537751
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US-09-422-978-7598/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 7598
LENGTH: 18
TYPE: DNA
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Chunenfeld, Marta
APPLICANT: Chunenkov, Ilya
APPLICANT: Chunakov, Ilya
TITLE OF INVENTION: Biallelic markers for use
FILE REFERENCE: GENOST.020CP1
CURRENT APPLICATION NUMBER: US 09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
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EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7557
LENGTH: 18
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Best Local Similarity
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ORGANISM: Homo Sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: upstream amplification primer 99-9343 for SEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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Pred. No. 7.9e+02
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Pred. No. 7.9e+02;
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APPLICANT: Chen, Daniel
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: Bhallelic markers for use in
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
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US-09-422-978-8202/c
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EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 7849
                                                                                                           Sequence 8642, Application US/09422978 Patent No. 6537751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 8202
LENGTH: 18
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                                                                                            GENERAL INFORMATION:
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Best Local
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic
FILE REPERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..18
OTHER INFORMATION: downstream amplification primer 99-14343
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NAME/KEY: primer_bind
LOCATION: 1..18
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ORGANISM: Homo Sapiens
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Local Similarity 83.3%;
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Pred. No. 7.96
0; Mismatches
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Pred. No. 7.9e+02
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                        for use
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                    constructing a high density...
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                                                                                                                                                                                                                                                                                                                                                                                  SEQ 337,
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; OTHER INFORMATION: downstream amplification primer 99-2275 for US-09-422-978-9179
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                                                                                                                                                                                                                                                   SEQ ID NO 9179
LENGTH: 18
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Patent No. 653775
                                                                    Matches
                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
                                                                                                                                                                                                                                                                                                    EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 11796
                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in
FILS REFERENCE: GENSET.020CP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Blumenfeld, Marta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                  NAME/KEY: primer_bind
LOCATION: 1..18
                                                                                                                                                                                                   ORGANISM: Homo Sapiens FEATURE:
                                                                                                                                                                                                                                      TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: primer_bind
LOCATION: 1..18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: downstream amplification primer 99-17180
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                                                                Local Similarity
nes 15; Conserv
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15; Conserv
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 GGCTCTGGTTCTTTCTCT 1
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83.3%;
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                                 4886
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                                                                                Score 13.2;
Pred. No. 7.
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Pred. No. 7
                                                                    Mismatches
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                                                                                  9e+02
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                                                                  Gaps
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US-09-422-978-9471/c; Sequence 9471, Application US/09422978

; Sequence 9471, Applic; ; Patent No. 6537751 ; GENERAL INFORMATION: ; APPLICANT: Cohen, Da

APPLICANT:

Blumenfeld, Marta

Daniel

RESULT 1395

Section of the

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APPLICANT: Luo, Jianying
APPLICANT: Khanna, Marilyn
APPLICANT: Khanna, Marilyn
APPLICANT: Khanna, Marilyn
APPLICANT: Bergetrom, Donald B.
TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
TITLE OF INVENTION: LIGASE DETECTION REACTION
FILE REFERENCE: 1960/459
CURRENT APPLICATION NUMBER: US/09/927,737C
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/022,535
PRIOR FILING DATE: 1996-07-19
NUMBER: 050FTWARE: PATENTING DATE: 1997-07-19
NUMBER OF SEQ ID NOS: 97
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 24
LENGTH: 18
RESULT 1397
US-09-27-737C-39
Sequence 39, Application US/09927737C
; Patent No. 6576453
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; PEATURE:
; PEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-5101 for SEQ 1606, in compleme US-09-422-978-9471
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US-09-927-737C-24
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Best Local :
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Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                             Matches
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IIITE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER PILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
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                                                                                                                                                                                                                                                                                                             OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                              ocal
                                                                                                                                                                    4217 CCTCTGTGGTGTTGCTTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION:
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                                                                                                                            CGTCTGCGGTGTTGCGTT
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                                                                                                                                                                                                             Conservative
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                                                                                                                                                                                                                                                                                                             Description of Artificial Sequence: Primer for PCR or LDR
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Pred. No. 7.9e+02;
0; Mismatches 3;
                                                                                                                                                                                                                              Score 13.2; DB 1;
Pred. No. 7.9e+02;
                                                                                                                                                                                                           Mismatches
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; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: PCR or LDR
US-09-927-737C-39
片
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US-09-723-450-7
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION: APPLICANT: Alnemri,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/09723450 Patent No. 6576751
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LENGTH: 18
                                                                                                                                            Matches
                                                                                                                                                                                                               Query Match
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CURRENT APPLICATION NUMBER: US/09/927,737C
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/022,535
PRIOR FILING DATE: 1996-07-19
PRIOR APPLICATION NUMBER: 08/691,292
PRIOR APPLICATION NUMBER: 08/691,292
PRIOR APPLICATION NUMBER: 08/691,292
PRIOR APPLICATION SIMPLE (1997-07-19)
PRIOR APPLICATION SIMPLE (1998-07-19)
PRIOR APPLIC
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APPLICANT: E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Alnemri, Emad S.
TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, And
TITLE OF INVENTION: Compositions For And Methods Of Making The Same
FILE REFERENCE: TJU2445
CURRENT APPLICATION NUMBER: US/09/723,450
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/276,993
PRIOR APPLICATION NUMBER: 09/276,993
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: 08/859,167
PRIOR FILING DATE: 1997-05-20
                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: No. 657675
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
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Local Similarity 83.3%;
hes 15; Conservation
                                                                                                                                            Local Similarity
                                                                  3599 AGGCTAATCTCAAACTCC 3616
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   AGGCTGGTCTCGAACTCC 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Khanna, Marilyn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Luo, Jianying
                                                                                                                                            Conservative
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Pred. No. 7.9e+02
                                                                                                                                                                             Score 13.2;
Pred. No. 7
                                                                                                                                            Mismatches
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                                                                                                                                                                             7.9e+02;
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RESULT 1399 US-09-374-766-13/c ; Sequence 13, Application US/09374766 ; Patent No. 6579526

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RESULT 1400
US-09-374-766-15/c
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TOPOLOGY: linear
HOLLCULE TYPE: CDNA
US-09-374-766-13
                                                                                                                                                                                                                                                                  Sequence 15, Application US/09374766 Patent No. 6579526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/691,563
APPLICATION NUMBER: US/08/691,563
FILING DATE: 02-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: BETTIGGE, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 38588
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ENERAL INFORMATION:
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APPLICANT:
                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0,
CURRENT APPLICATION DATA:
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STREET: //
CITY: Alexandria
TATE: Virginia
TATE: TS.A.
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TITLE OF INVENTION: VIRAL ME
TITLE OF INVENTION: ASSOCIAT
TITLE OF INVENTION: THERAPEL
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CORRESPONDENCE ADDRESS:
ADDRESSES: 01iff & Berridge
STREET: 700 South Washington Street, Suite 300
                                                   APPLICANT: Colette JOLIVET
APPLICANT: Bernard MANDRAND
TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTITILE OF INVENTION: THERAPEUTIC PURPOSES
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                 NUMBER OF SEQUENCES: S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                     2099 CCTGCACTTGCCTGATGC 2116
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                                                                                                                                                  Frederic BESEME
Frederic BEDIN
Glaucia PARANHOS-BACCALA
Florence KOMURIAN-PRADEL
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Oliff & Berridge
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ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACI
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Pred. No. 7.9e+02;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                     APPLICANT: Glaucia PARANHOS-BACCALA
APPLICANT: Plorence KOMURIAN-PRADEL
APPLICANT: Colette JOLIVET
APPLICANT: Bernard MANDRAND
TITLE OF INVENTION: VIRAL MATERIAL ANI
TITLE OF INVENTION: THERAPEUTIC PURPO:
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Berridge, William P. REGISTRATION NUMBER: 30,024 REFERENCE/DOCKET NUMBER: WPITELECOMMUNICATION INFORMATION: TELEPHONE: 703-836-6400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/08/691,563 FILING DATE: 02-AUG-1996 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Oliff & Berridge
STREET: 700 South Washington Street, Suite 300
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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PRIOR APPLICATION DATA:
                                                                                                                                                                                CITY: Alexandria STATE: Virginia COUNTRY: U.S.A.
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STRANDEDNESS: single
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                                   APPLICATION NUMBER:
                                                                                                                                                                    ZIP: 22314
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                 DATE:
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                                                                                                                                                                                                                                                                                                                                        VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACTI
                                     US/09/374,766
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Pred. No. 7.
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RESULT 1402
US-08-979-847B-13/c
; Sequence 13, Application US/08979847B
parent No. 6582703
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                                                     TELEPHONE: 703-836-6400
TELEPAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/979,847B
APPLICATION NUMBER: US/08/979,847B
FILING DATE: 26-No. 6582703-1997
CLASSIFICATION: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE, DOCKET NUMBER: WPB 39046A
TELECOMMUNICATION INFORMATION:
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REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 38588
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Local Similarity 83.3%;
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ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYL
THERAPEUTIC PURPOSES
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ADDRESSEE: OLIFF & BERRIDGE, PLC
STREET: P.O. BOX 19928
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                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
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STRANDEDNESS: single
                                  LENGTH: 18 base pairs
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GARSON, JEREMY
TUKE, PHILIP
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KOMURIAN-PRADEL, FLORENCE
JOLIVET-REYNAUD, COLETTE
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BESEME, FREDERIC
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Pred. No. 7.9e+02;
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US-09-693-011-7
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                                                                                                                TITLE OF INVENTION: Transgenic Animals For Studying
TITLE OF INVENTION: Regulation Of Genes
FILE REFERENCE: 4-31176A
CURRENT APPLICATION NUMBER: US/09/693,011
CURRENT FILING DATE: 2000-10-20
NUMBER OF SEQ ID NOS: 12
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 18
TYPE: DNA
TYPE:
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LENGTH: 18
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Sequence 25, App. --
No. 6586229
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Best Local
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Best Local Similarity
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Patent No. 6632978
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TITLE OF INVENTION: Method for the Production of p-Hydroxybenzoate in Species of
TITLE OF INVENTION: Pseudomonas and Agrobacterium
FILE REFERENCE: BC1018 US NA
CURRENT APPLICATION NUMBER: US/09/585,174
CURRENT FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 112
SOFTWARE: Microsoft Office 97
                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Kaslin, Edgar
APPLICANT: Luyten, Marcel
APPLICANT: Zerwes, Hans-Gunter
                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
                           FEATURE:
OTHER INFORMATION: PRIMER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: primer used for sequencing pcu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1894 GCTCGGACCACAGCTCTG 1911
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Cattermole, Moni
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gatenby, Anthony A. Gibson, Katherine J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
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Pred. No. 7.9e+02;
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Pred. No. 7.9e+02;
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DB 1;

Length 18;

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TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric TITLE OF INVENTION: Compounds Prepared Therefrom FILE REFERENCE: ISIS3993
CURRENT APPLICATION NUMBER: US/09/370,541
CURRENT FILING DATE: 1999-08-09
EARLIER APPLICATION NUMBER: 09/130,973
EARLIER FILING DATE: 1998-08-07
EARLIER FILING DATE: 1998-08-07
EARLIER FILING DATE: 1998-01-30
EARLIER FILING DATE: 1998-01-30
EARLIER FILING DATE: 1998-01-30
EARLIER FILING DATE: 1998-01-31
EARLIER FILING DATE: 1997-02-14
EARLIER APPLICATION NUMBER: 60/037,143
EARLIER FILING DATE: 1997-02-14
EARLIER FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 21
SOPTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence: antisense; OTHER INFORMATION: sequence US-09-370-541-14
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US-09-370-541-14/c
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Best Local Similarity
Matches 15; Conserv
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                                                                        APPLICANT: STRIZHKOV, BORIS
APPLICANT: TILLIB, SERGEI
APPLICANT: MICHAILOVICH, VLADMIR
APPLICANT: MIRZABEKOV, ANDREI
TITLE OF INVENTION: PCR AMPLIFICATION ON MICROARRAYS OF GEL IMMOBILIZED
TITLE OF INVENTION: OLIGONUCLEOTIDES
FILE REFERENCE: 21416-90459
FILE REFERENCE: 21416-90459
CURRENT APPLICATION NUMBER: US/09/559,306
CURRENT FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 60/165,029
PRIOR FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cook, Phillip Dan
APPLICANT: Prakash, Thazha P
APPLICANT: Kawasaki, Andrew M
                 SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 50
LENGTH: 18
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TYPE: DNA
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Pred. No. 7.9e+02;
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Pred. No. 7.9e+02;
0; Mismatches 3
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GENERAL INFORMATION:

APPLICANT: Chow, Robert

APPLICANT: Tonai, Richard

APPLICANT: Tonai, Richard

APPLICANT: StemCyte, Inc.

FILE REFERENCE: 020035-000210US

CURRENT APPLICATION: High Throughput Methods of

CURRENT APPLICATION: UMDBER: US/09/747,391

CURRENT FILING DATE: 2001-07-13

PRIOR APPLICATION NUMBER: US 60/172,768

PRIOR PILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Dervan, Peter B.

APPLICANT: Mosier, Donald E.

APPLICANT: Mosier, Donald E.

APPLICANT: Baird, Eldon E.

TITLE OF INVENTION: INHIBITION OF GENE TRANSCRIPTION BY

TITLE OF INVENTION: POLYAMIDE DNA-BINDING LIGANDS

FILE REFERENCE: 27801-20012.00

CURRENT APPLICATION NUMBER: US/09/367,513

CURRENT FILING DATE: 2000-04-25

PRIOR APPLICATION NUMBER: US 60/038,384

PRIOR FILING DATE: 1997-02-14

PRIOR APPLICATION NUMBER: US 60/038,394

PRIOR FILING DATE: 1997-02-14

PRIOR APPLICATION NUMBER: US 60/038,394

PRIOR FILING DATE: 1997-02-10

PRIOR APPLICATION NUMBER: US 60/(CIT2684)

PRIOR APPLICATION NUMBER: US 60/(CIT2687)

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; PEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-559-306-50
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US-09-747-391-201
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity
Matches 15; Conserv
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TYPE: DNA
ORGANISM: HIV
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SOFTWARE: FastSEQ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: PCT/US97/12722 PRIOR FILING DATE: 1997-07-21
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APPLICANT: Dervan, Pet
                         NUMBER OF
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FastSEQ for Windows Version 3.0
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Pred. No. 7.
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Pred. No. 7
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CURRENT APPLICATION NUMBER: US/09/855,793
CURRENT FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: 09/544,713
PRIOR FILING DATE: 2000-04-16
NUMBER: OP SEQ ID NOS: 79
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 65
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
                                                                                                                                                                                                                                RESULT 1410
US-10-125-295-9/c
y Sequence 9, Application US/10125295
patent No. 6686460
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Ligator-detector
US-09-855-793-65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-747-391-201
                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Guerra, Cesar B.
APPLICANT: Weber, Shane C.
APPLICANT: Kaufman, Joseph C
APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Fixed Address Analysis of Sequence Tags
Patent No. 667121
PILE REFERENCE: YU 126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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Best Local Similarity 83.3%; Pred. No. 7.9e+02
Matches 15; Conservative 0; Mismatches
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LENGTH: 18
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                                                                                                                                                       APPLICANT: Lin, Ching-I Patsy
Wallace, Robert Bruce
Cossman, Jeffrey
Prench, Cynthia
CORRESPONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
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                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                     TITLE OF INVENTION: Lyophilization of Cultured Human Cells to Preserve RNA and DNA
                                                                                                                                                                                                                                                                                                                                                                                                                4924 AAGTAATGGAACTTTGAT 4941
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APPLICANT: Haldeman, Betty A.
APPLICANT: Thayer, Edward C.
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: ADIPOCYTE COMPLEMENT RELATITLE OF INVENTION: ZACRP3X2
FILE REFERENCE: 00-111
CURRENT APPLICATION NUMBER: US/10/012,605C
CURRENT FILING DATE: 2002-08-14
PRIOR APPLICATION NUMBER: US 60/254,019
PRIOR TILING DATE: 2000-12-07
NUMBER OF SEQ ID NOS: 23
SOPTWARE: PASTSEQ for Windows Version 4.0
SEQ ID NO 20
LENGTH: 18
TYPE: DNA

; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC21,909
US-10-012-605C-20

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, Sequence 20, Application US/10012605C
; Patent No. 6692748
; GENERAL INFORMATION:
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Matches
Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (415) 576-0200
TELEPAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
nes 15; Conserv
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APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
APPLICATION NUMBER: US 08/884,029
FILING DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5398 AATACAAAAAAGAAAAA 5415
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/125,295
FILING DATE: 17-Apr-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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LOCATION: 13:.18

OTHER INFORMATION: /mod_base= OTHER

/note= "t at positions 13-18 may be

present or absent"
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TYPE: nucleic acid
STRANDEDNESS: single
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
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[larity 83.3%;
Conservative C
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  Score 13.2; DB 1;
Pred. No. 7.9e+02;
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                       Length 18;
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RESULT 1414
US-09-032-438C-27/c
; Sequence 27, Application US/09032438C
; Patent No. 6713300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 1413
                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
TITLE OF INVENTION: Adapter Mediated Amplification
FILE REFERENCE: 674513-2003.1
CURRENT APPLICATION NUMBER: US/09/803,263
CURRENT FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin version 3.0
SEQ ID NO 7
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Thirstrup, Kenneth
APPLICANT: Thirstrup, Kenneth
TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'
TITLE OF INVENTION: Adapter Mediated Amplification
FILE REFERENCE: 674513-2003.1
CURRENT FILING DATE: 2001-03-09
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.0
GENERAL INFORMATION: APPLICANT: Rattner,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Thirstrup, Kenneth
                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: Complement of poly-a tail
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                   Local
                                                                                                                                                       5398 AATACAAAAAAGAAAAAA 5415
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larity 83.3%;
Conservative
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83.3%;
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                                                                                                                                                                                                   Score 13.2; DB 1; Length 18; Pred. No. 7.9e+02; O; Mismatches 3; Indels
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GENERAL INFORMATION:

APPLICANT: Roder, Marion

TITLE OF INVENTION: Microsatellite Markers for Plants of the Species

TITLE OF INVENTION: Triticum Aestivum and Tribe Triticase and the Use of

TITLE OF INVENTION: Said Markers

FILE REFERENCE: 2936.10400

CURRENT APPLICATION NUMBER: US/08/983,605A

CURRENT FILING DATE: 1998-05-01

EARLIER APPLICATION NUMBER: DE 195 25 284.5

EARLIER FILING DATE: 1995-06-28

NUMBER: OF SEQ ID NO: 466

SOFTWARE: Patentin Ver. 2.0

LENGTH: 18
RBSULT 1416
US-09-544-398B-554
; Sequence 554, Application US/09544398B
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                                                                                                                                                                                                                                                        US-08-983-605-181
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.2
SEQ ID NO 27
LENGTH: 18
                                                                                                                                                                               Matches
                                                                                                                                                                                             Query Match
Best Local
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Patent No. 672013
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Li, vixin
TITLE OF INVENTION: Nucleic Acid And Amino Acid Sequences For ATP-Binding Cassette
TITLE OF INVENTION: Transporter And Methods Of Screening For Agents That Modify
TITLE OF INVENTION: ATP-Binding Cassette Transporter
TITLE REFERENCE: BYLR-0065
CURRENT APPLICATION NUMBER: US/09/032,438C
CURRENT APPLICATION NUMBER: US 60/039,388
PRIOR APPLICATION NUMBER: US 60/039,388
PRIOR APPLICATION NUMBER: US 60/039,388
PRIOR PILING DATE: 1997-02-27
NUMBER OF SEQ ID NOS: 120
NUMBER OF SEQ ID NOS: 120
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                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Triticum aestivum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
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Local Similarity 83.3%;
1es 15; Conservarium
                                                                                                                          2244 GGCTGCTGAGGGCATCTG 2261
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                                                                                                                                                                                                 Similarity
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Shroyer, No. 6713300h
Smallwood, Philip M.
Allikmets, Rando
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Leppert, Mark
Dean, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Lewis, Richard A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Nathans, Jeremy
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                                                                                                                                                                             Conservative
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Pred. No. 7.9e+02;
                                                                                                                                                                           Score 13.2; DB 1;
Pred. No. 7.9e+02;
); Mismatches 3
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Patent No. 6770461 GENERAL INFORMATIO

INFORMATION:

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APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Rocker, Robett R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
CURRENT APPLICATION NUMBER: US 09/229,319
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 554
RESULT 1418
US-09-601-326-118/c
; Sequence 118, Application US/09601326
; Patent No. 6773908
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; OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-994-311-7
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                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: AGL 100
CURRENT APPLICATION NUMBER: US/09/994,311
CURRENT FILING DATE: 2001-11-26
PRIOR APPLICATION NUMBER: US/09/637,751
PRIOR FILING DATE: 2000-08-11
NUMBER OF SEQ ID NOS: 10
SOPTWARE: Patentin Ver. 2.1
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Latimer, Darin R.
TITLE OF INVENTION: Binary Encoded Sequence Tags
Patent No. 6773886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                  Matches
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APPLICANT: Roth, Matthew
APPLICANT: Lizardi, Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                           LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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TYPB: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                  Local Similarity
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                                                                                                                                 5391 TTAAAAAAATACAAAAAA 5408
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Pred. No. 7.9e+02
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Pred. No. 7.9e+02;
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                                                                                                                                                                       ; ORGANISM: Artificial Sequence ; PEATURE: OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide US-09-142-108C-29
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PRIOR FILING DATE: 1999-04-19
PRIOR APPLICATION NUMBER: US 09/019,793
PRIOR FILING DATE: 1998-02-06
PRIOR PPLICATION NUMBER: US 08/478,316
PRIOR PPLICATION NUMBER: US 08/478,316
PRIOR PPLICATION NUMBER: US 08/301,435
PRIOR PPLICATION NUMBER: US 08/301,435
PRIOR PPLICATION NUMBER: US 08/301,625
PRIOR APPLICATION NUMBER: US 08/131,625
PRIOR PILING DATE: 1993-10-05
PRIOR PILING DATE: 1993-10-05
                                                                                                                                                                                                                                                            SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 29
LENGTH: 18
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 07/969,071
PRIOR FILING DATE: 1992-10-30
NUMBER OF SEQ ID NOS: 175
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 118
LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 29, Application US/09142108C Patent No. 6774285 GENERAL INFORMATION:
                                                                                     Matches
                                                                                                                              Query Match
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                                                                                                       Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 11658
CURRENT APPLICATION NUMBER: US/09/142,108C
CURRENT FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: PN8386
PRIOR FILING DATE: 1996-03-01
NUMBER OF SEQ ID NOS: 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Brugliera, Filippa
APPLICANT: Holton, Timothy A.
APPLICANT: Michael, Michael Z.
TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
TITLE OF INVENTION: AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: PAUL DR, PREM S
APPLICANT: ZHANG, YANJIN
APPLICANT: ZHANG, YANJIN
TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
TITLE OF INVENTION: REPRODUCTIVE AND REPIRATORY SYNDROME VIRUS (PPRSV)
PILE REFERENCE: 8199-0005-55XCIP WO
CURRENT APPLICATION NUMBER: US/09/601,326
CURRENT FILING DATE: 2000-09-25
CURRENT FILING DATE: 2000-09-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence FEATURE:
                                         5402 CAAAAAAGAAAAAATGAA 5419
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18
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                                                                                  Score 13.2; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 3;
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APPLICANT: MORIBE, Toyoki et al.
TITLE OF INVENTION: Method for typing HLA class 1 genes
FILE REFERENCE: 0032-0261P
CURRENT APPLICATION NUMBER: US/09/856,662
CURRENT FILING DATE: 2001-05-24
PRIOR APPLICATION NUMBER: UP P1998-335151
PRIOR FILING DATE: 1998-11-26
NUMBER OF SEQ ID NOS: 130
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 38
FUND: TOYONG
               RESULT 1422
PCT-US94-05407-4/c
; Sequence 4, Application PC/TUS9405407
; GENERAL INFORMATION:
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; OTHER INFORMATION: Fig 3B, lane 3, RN 7
US-09-377-502-44
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US-09-856-662-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 1420
US-09-856-662-38
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                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn version 3.2
SEQ ID NO 44
LENGTH: 18
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Patent No. 6790616
GENERAL INFORMATION:
                                                                                                                                                                                                     Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                            Query Match
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PRIOR APPLICATION NUMBER: PCT/GB98/00542
PRIOR FILING DATE: 1998-02-20
PRIOR APPLICATION NUMBER: GB 97/03681.8
PRIOR FILING DATE: 1997-02-21
NUMBER OF SEQ ID NOS: 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Huttner, Bric
APPLICANT: Betzner, Andreas S
TITLE OF INVENTION: Protein Complementation In
FILE REFERENCE: P19629US/TUP
CURRENT APPLICATION NUMBER: US/09/377,502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Gene Shears Pty. Limited APPLICANT: Paul, Wyatt APPLICANT: Perez, Pascaul
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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APPLICANT:
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mes 15; Conserv
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Pred. No. 7.9e+02;
0; Mismatches 3
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PCT-US94-05407-4
                                                             PCT-US94-05407-5
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Matches
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              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08
FILING DATE: 13-MAY-19
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 13-MAY-1 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05407
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/061,694
                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: PO
                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 30303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION:
                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity hes 15; Conserv
                                                                                      TYPE: STRANDEDNESS: BID
                                                                                                                                                                                                                                                                     MEDIIM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
                                                                                                                                                                                                                                                                                                                                                                                      STREET: Suite
CITY: Atlanta
STATE: Georgi
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STRANDEDNESS: sing
                                                                                                                            TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                   ZIP: 30303
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                                                                                                                                                                                                                                                                                                                                                                                                                    E: NEEDLE & ROSENBERG, P.C. Suite 1200, 127 Peachtree Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: NEEDLE & ROSENBERG, P.C.
Suite 1200, 127 Peachtree Street
                                                                                                                                            18 base pairs
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                                                                             oligonucleotide
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Score 13.2; DB 1;
Pred. No. 7.9e+02;
0; Mismatches 3
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Pred. No. 7.
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                                                                                                                                                                                                                                                                            Version
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                               DB 1;
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                               Length 18;
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                                                                                                                       ; NAME/KEY:
PCT-US95-08605-29
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PCT-US95-08605-29/c
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                                                                          Query Match
Best Local Similarity
                                                             Matches
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APPLICANT:
APPLICANT:
                                                                                                                                                      FEATURE:
                                                                                                                                                                                  ANTI-SENSE: no FRAGMENT TYPE: internal CRIGINAL SOURCE:
                                                                                                                                                                                                                             TOPOLOGY: linear MOLECULE TYPE: genc HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 08-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 08/271,946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Word Perfect CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                   ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (914) 962-4330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                           LENGTH:
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                           2186 TTGCCCAGGCTCTCCAAG 2203
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18
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                                                                                                                                                                                                                                                                                              nucleic acid
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1992 Commerce Street, Suite 309
                                                          Conservative
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83.3%;
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                                                                          Score 13.2;
Pred. No. 7
                                                           Mismatches
                                                                                         DB 1;
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RESULT 1425

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                                                                                                                                                     Sequence 2, Application PC/TUS9601473
GENERAL INFORMATION:
APPLICANT: University of Nebraska, Board of Regents
APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: 1601 Market Street Suite 720
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 27, Application PC/TUS9513142
GENERAL INFORMATION:
APPLICANT: UNIVERSITY OF MASSACHUSI
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APPLICATION NUMBER: US 08/319,836
FILING DATE: 07-0CT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 04020/0430
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO:
                                                COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPB: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "ANTISENSE OLIGONUCLEOTIDE"
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LENGTH: 18 base pairs
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE OF INVENTION: Cis-Acting Sequences for Intracellular TITLE OF INVENTION: Localization of RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                        STATE:
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15; Conserv
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llarity 83.3%;
Conservative
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IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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GENERAL INFORMATION:
APPLICANT: University of Nebraska, Board of Regents
APPLICANT: Gold, Barry I.
TITLE OF INVENTION: Synthetic Triple Helix-Forming Compounds
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.2%; Score 13.2; DB 1; Length 18; Best Local Similarity 83.3%; Pred. No. 7.9e+02; Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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APPLICATION UNMEER: US 08/384,324
FILING DATE: 01-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEPHONE: (215) 563-4044
                                                                                                   TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/384,324
FILING DATE: 01-FEB-1995
ATTORNEY/AGENT INFORWATION:
NAME: Reed, Janet B.
REGISTRATION NUMBER: 36,252
                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01473
FILING DATE: 29-JAN-1996
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: YES
ANTI-SENSE: YES
                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (215) 563-4100
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APPLICATION NUMBER: PCT/US96/01473
FILING DATE: 29-JAN-1996
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: PA
               LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
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TYPE: nucleic acid
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18 AGAAAAGAAAAAAGAAAA 1
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